LBT-D560/N350/N350K/N350P

SERVICE MANUAL

LBT-D560/N350/N350K/N350P are composed of following models.
 As for the service manual, it is issued for each component model, then, please refer to it.

US Model

Canadian Model AEP Model

UK Model

Australian Model

PX Model LBT-N350

COMPONENT MODEL NAME FOR THESE SYSTEM

E Model LBT-N350/N350K/N350P

	LBT-D560				LBT-	N350					LBT-N	1 350K		LBT-N350P
	US	CND	AEP	UK	E	MX	AR	AUS	PX	Е	EA	MY	SP	E
CONPACT DISC STEREO DECK RECEIVER	HCD-D560		HCD-N350				HCD-	N350K		HCD-N350				
SPEAKER SYSTEM	SS-D560)								SS-LE	3300			1
TURN TABLE			PS-L	X56P										PS-LX56P

NOTE:

 Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Part No. Description

1-467-969-11 COMMANDER, STANDARD (RM-S300L)

1-501-374-11 ANTENNA, LOOP

3-798-246-11 MANUAL, INSTRUCTION (ENGLISH) (UK)

3-798-246-21 MANUAL, INSTRUCTION (ENGLISH) (US)

3-798-246-31 MANUAL, INSTRUCTION (ENGLISH, FRENCH) (CND)

3-798-246-41 MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE)(AEP)

 $3\text{-}798\text{-}246\text{-}51 \quad \text{MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP, IT)} \\$

3-798-246-61 MANUAL, INSTRUCTION (DANISH, FINNISH) (AEP)

3-798-246-71 MANUAL, INSTRUCTION (SPANISH) (MX)

3-798-246-81 MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE)

(E, EA, MY, SP, AR, AUS, PX)

3-798-246-91 MANUAL, INSTRUCTION (ARABIC) (EA)

4-937-945-11 PLATE (TRANSPORT), LOCK (HCD)

4-941-762-01 COVER (MLY), BATTERY (for RM-S300L)

Part No. Description

4-957-532-01 SNOW BOX (L) (PS-LX56P)

* 4-957-533-01 SNOW BOX (R) (PS-LX56P)

* 4-971-345-01 INDIVIDUAL CARTON (N350: AEP, UK)

* 4-971-454-01 INDIVIDUAL CARTON (D560)

4-971-455-01 INDIVIDUAL CARTON (N350 : CND,AUS,PX)

* 4-971-624-01 INDIVIDUAL CARTON (N350 : E, MX, AR)

* 4-971-625-01 INDIVIDUAL CARTON (N350K : E, EA)

4-971-626-01 INDIVIDUAL CARTON (N350K : MY, SP)

* 4-971-627-01 INDIVIDUAL CARTON (N350P)

* 4-971-633-01 CUSHION (HCD) (N350: AEP, UK, N350P)

* 4-972-653-01 CUSHION (SS)

* 4-973-315-01 CUSHION (HCD) (D560, N350 : CND,

E, MX, AR, AUS, PX, N350K)

A-4674-087-A TURN TABLE MAT ASSY (PS-LX56P)

CND : Canadian Model MX : Mexican Model AR : Argentine Model AUS : Australian Model EA : Saudi Arabia Model MY : Malaysia Model SP : Singapore Model

COMPONENT HI-FI STEREO SYSTEM

SONY

Sony Corporation

Consumer A&V Products Company

Home A&V Products Div.

English 95A05110-1 Printed in Japan © 1995.1

HCD-D560/N350/N350K

SERVICE MANUAL

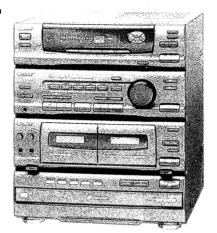


Photo: HCD-N350K

US Model
HCD-D560

Canadian Model
AEP Model
UK Model
Australian Model
PX Model

E Model HCD-N350/N350K

These set are the tuner, deck, CD and amplifer section in LBT-D560, LBT-N350, LBT-N350K and LBT-N350P.

CD SECTION	Model Name Using Similar Mechanism	HCD-D260/N250
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA
TAPE	Model Name Using Similar Mechanism	HCD-C33
DECK SECTION	Tape Transport Mechanism Type	TCM-220WR2

SPECIFICATIONS

AUDIO POWER SPECIFI-CATIONS (US and Canadian models) POWER OUTPUT AND

TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 70–20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 millwatts to rated output.

CD player section

System Compact disc digital audio system
Laser Semiconductor laser
Wavelength 780–790nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range 87.5–108.0 MHz
Antenna FM wire antenna
Antenna terminals 75 ohm unbalanced
Intermediate frequency

10.7 MHz

- Continued on next page -





Tuning range		Peak music power output
US and Cana	diam models:	800 W (For Singapore, Malaysia
AM:	530–1,710 kHz	and Mexico, 4 speakers driven)
	(with the tuning interval	1000 W (For other countries,
	set at 10 kHz)	4 speakers driven)
	531–1,602 kHz	Continuous RMS power output:
	(with the tuning interval	60 W+60 W (6 ohms at 1 kHz,
	set at 9 kHz)	5% THD)
Latin Americ	can models:	Inputs
AM:	530–1,710 kHz	PHONO (phono jack):
	(with the tuning interval	Sensitivity 3 mV, impedance
	set at 10 kHz)	47 kilohms
Middle Easte	rn model:	VIDEO (phono jack):
MW:	531–1,602 kHz	Sensitivity 300 mV, impedance
	(with the tuning interval	47 kilohms
	set at 9 kHz)	MC 1, 2 (phono jack) (for LBT-N350K only):
SW:	5.95–17.90 kHz	Sensitivity 1 mV, impedance
German and	Italian models:	10 kilohms
AM:	531-1,602 kHz	Outputs
Other Europe	ean models:	PHONES (phono jack):
MW:	531-1,602 kHz	accept headphones of 8 ohms or more
LW:	153–279 kHz	SPEAKER:
	(with the tuning interval	US and Canadian models:
	set at 3 kHz)	accept impedance of 8 to 16 ohms.
Other models	•	Other models:
AM:	531–1,602 kHz	accept impedance of 6 to 16 ohms.
	(with the tuning interval	SURROUND SPEAKER:
	set at 9 kHz)	(Except US and Canadian models)
Antenna	AM loop antenna	Accept impedance of 16 ohms.
	External antenna	(For Singapore, Malaysia, Mexico and
	terminals	European countries)
Intermediate frequ		Accept impedance of 8 to 16 ohms.
	450 kHz	(For other countries)
Casette deck secti	ion	General
Recording system		Power requirements
	2-channel stereo	US and Canadian models:
Frequency respons		120 V AC, 60 Hz
	, AEP, UK, German and	European models:
Italian models		220–230 V AC, 50/60 Hz
	BY NR OFF)	Australian model:
,	000 Hz (± 3 dB), using	220–240 V AC, 50/60 Hz
	YPE I cassette	Malaysian model:
•	000 Hz (± 3 dB), using	220–240 V AC, 50/60 Hz
	YPE II cassette	Mexican model:
Other models:		
	000 Hz (± 3 dB), using	120 V AC, 50/60 Hz
	I cassette (Sony HF-S)	Other models:
	000 Hz (± 3 dB), using	110–120 V or 220–240 V AC
	II cassette (Sony UX-S)	adjustable, 50/60 Hz
Wow and flutter	if cassette (Sony OX-3)	Power consumption
	Of W Book (IEC)	US and Canadian models:
	% W.Peak (IEC)	195W
	WRMS (NAB)	European models:
± 0.2%	% W.Peak (DIN)	105W
		Other models:
Amplifier section		180W
US and Canadian r		Dimensions
Continuous RMS p		Approx. $355 \times 425 \times 405 \text{ mm}$
	+100 W, (8 ohms at 70–	$(14 \times 16^{3/4} \times 16 \text{ inches}) (w/h/d)$
	Hz, 0.9% THD)	incl. projecting parts and controls
European models:		Mass
Continuous RMS p	•	US and Canadian models:
	30 W, (6 ohms at 1 kHz,	Approx. 12.0 kg (26 lb 7 oz)
DIN)	25.37.77	European models:
	35 W, (6 ohms at 1 kHz,	Approx. 10.6 kg
5% TH	D)	Other models:

Other models:

AM tuner section

Approx. 12.2 kg

DANGER
INVISIBLE LASER
RADIATION WHEN OPEN
AND INTERLOCK
DEFEATED. AVOID
DIRECT EXPOSURE TO
BEAM.

DANGER
RADIATION DE LESER
RA

This caution label is located inside of the unit.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

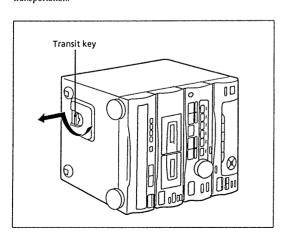


This caution label is located inside the unit.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and double-D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.

Before operating the unit

Remove the transit key on the bottom of the unit by following the instructions on the label, and keep it in a safe place. The transit key protects the optical system against shock during transportation.



To re-install the transit key when transporting the unit

- 1 Remove all CDs.
- " $\mathcal Y$ (or $\mathcal Y$, $\mathcal Y$...)" has disappeared from the display.
- 3 Turn off the power.
- 4 Insert the transit key into its hole to lock.

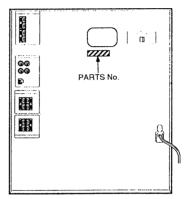
Notes on chip component replacement

- · Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- · Be careful not to apply force on the conductor when soldering or unsoldering.

MODEL IDENTIFICATION – BACK PANEL –



	T = 1 = 1 = 1 = 1
	PARTS NO.
D560 : US Model	4-969-795-0□
N350 : Canadian Model	4-969-795-1□
N350 : AEP 2 Model	4-969-795-3□
N350 : AEP 1 Model	4-969-795-5□
N350 : German Model	4-969-795-6□
N350 : Italian Model	4-969-795-7□
N350 : UK Model	4-969-795-8□
N350 : E2 Model	4-970-165-0□
N350 : Mexican Model	4-970-165-1□
N350 : E3, Argentine Model	4-970-165-2□
N350 : Australian Model	4-970-165-3□
N350 : PX Model	4-970-165-4□
N350K : Saudi Arabia Model	4-970-165-5□
N350K : E Model	4-970-165-6□
N350K : Malaysia Model	4-970-165-7□
N350K : Singapore Model	4-970-165-8□

SAFETY CHECK-OUT

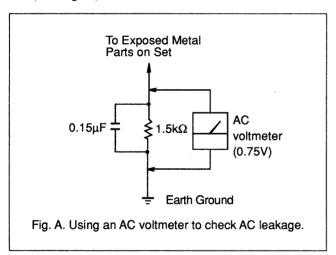
After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE A SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1 SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

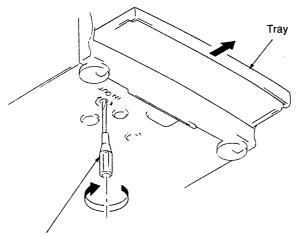
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF

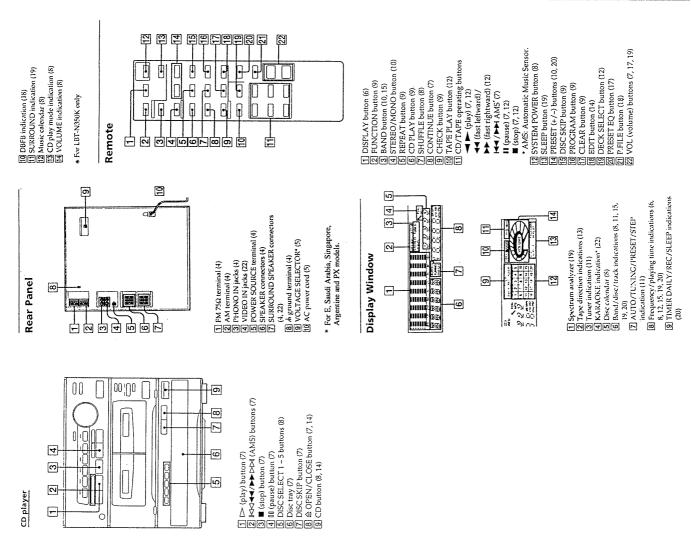


Insert a tapering driver into the aperture of the unit bottom, and turn in the direction of arrow (to OUT direction).

* To close the disc tray, turn the driver in the reverse direction (to IN direction).

This section is extracted from instruction manual.

SECTION 2 **GENERAL**



-[2]

Œ

-6

5 6

4

က 1 2 [] KARAOKE PON/MIY button* (22)
[2 KEY COYING), buttons* (22)
[3] Preset equalizer setting buttons (18)
[4] EQ NEMORY button (19)
[5] F.FILE button (19)
[6] VOULUME control (8, 18, 21)
[7] DBFB button (19)
[8] SLINGOVIX button (19)
[9] MIC LEYEL Countrol (21)
[6] MIC jacks* (21)
[6] REFUE COUNTROL (21)
[6] REFUE COUNTROL (21)
[7] EGING LEYEL COUNTROL (21)
[8] PROVES back (18, 22)
[8] PROVES back (18, 22)
[8] FLNCTION button (8, 13, 21)

For LBT-N350K only

Achieve serving Achieve (24)

G. CURSOR CONTROL buttons (6, 18, 19, 20)

TONING (+/-) buttons (10, 20)

TUNING MEMORY button (11)

B. TUNING MEMORY button (13)

B. TUNING MEMORY button (10, 20)

G. The Button (10)

G. DALLY button (19)

G. REC button (19)

SYSTEM POWER switch (19)

-MO40

SLEEP button (19)

निर्मता निर्मा

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 \Box

Index to Parts and

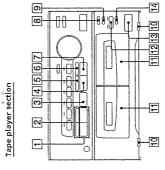
Controls

Refer to the pages indicated in parentheses for details on how to use the controls.

Front Pane

Tuner section

Amplifier section



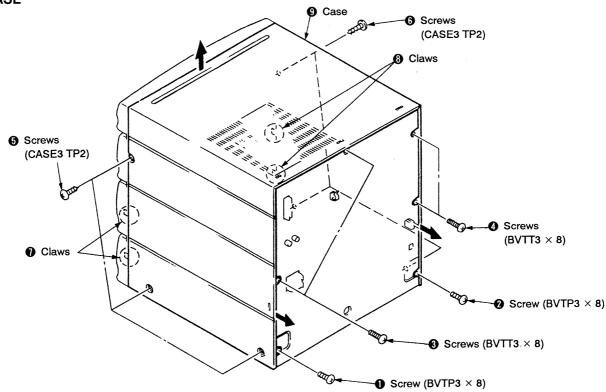
* For US, Canadian, AEP, German and Italian models only.

5 TUNING (+/-) buttons (10, 20)
7 TUNING MEMORY button (11)
8 TUNING MODE button (10, 20)
9 TIMER SET button (19)
10 DAILY button (19)
11 REC button (20)
12 CLOCK SET button (6)
13 ENTER/NEXT button (6, 19)
14 OISPLAY button (6, 118)
15 TUNER/BAND button (10, 15)

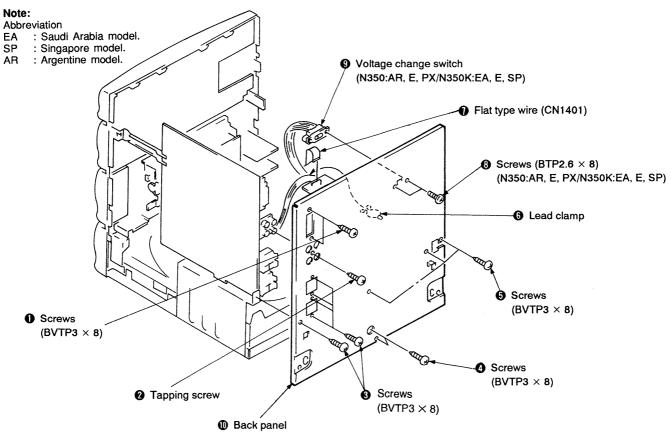
SECTION 3 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

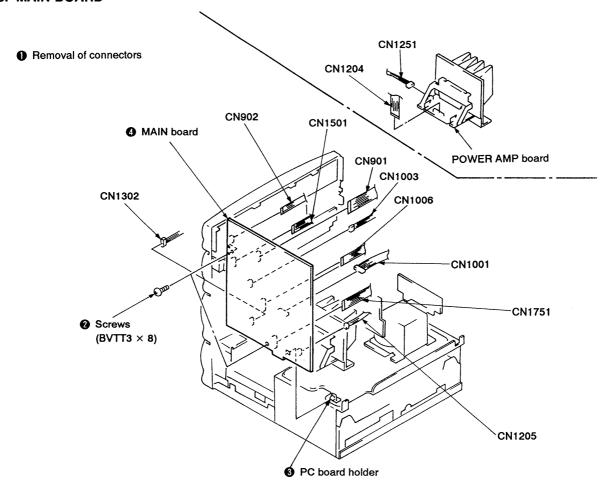
3-1. CASE



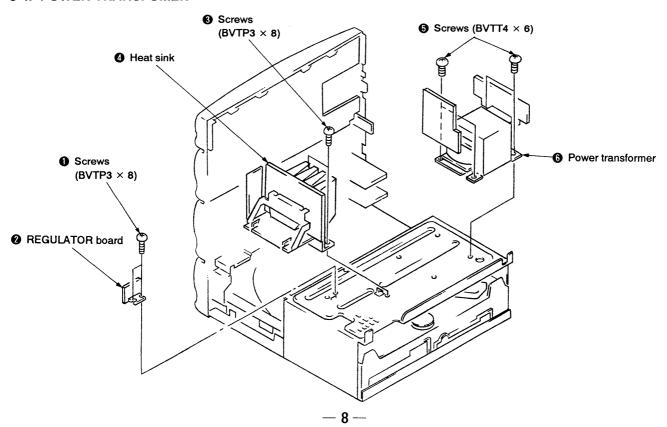
3-2. BACK PANEL



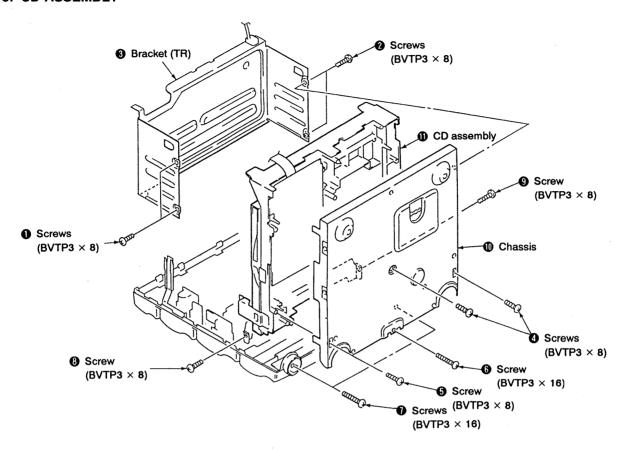
3-3. MAIN BOARD



3-4. POWER TRANSFOMER

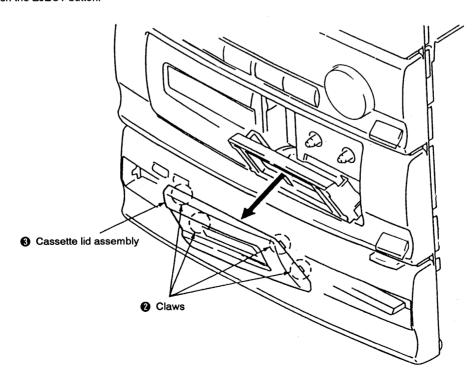


3-5. CD ASSEMBLY

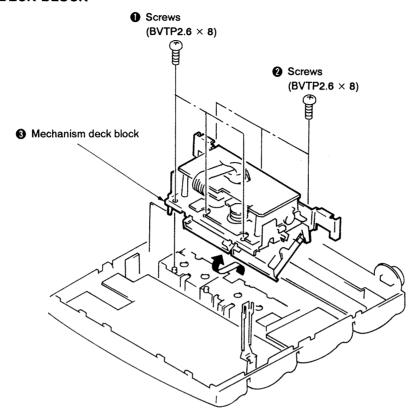


3-6. CASSETTE LID ASSEMBLY

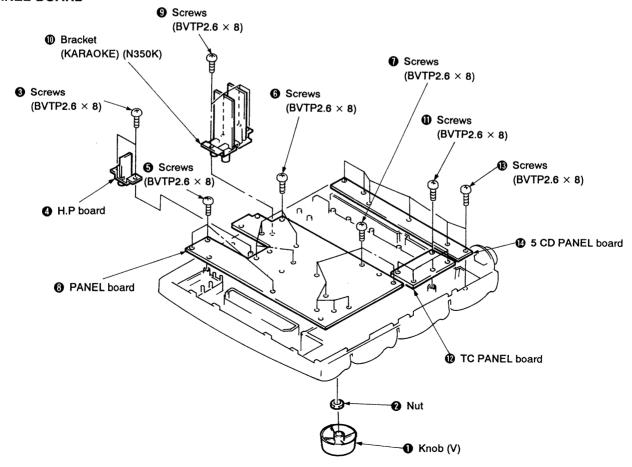
Push the EJECT button.



3-7. MECHANISM DECK BLOCK



3-8. PANEL BOARD



3-9. DISC TABLE ASSEMBLY

Note on assembly: Turn the pulley assy in the direction of the arrow.

Down the bracket (BD) assy, and assembly the disc table assy.

Screw (BVTP3 × 8)

Bracket (CDM)

Bracket (CDM)

Bracket (guide B)

Screw (BVTP3 × 8)

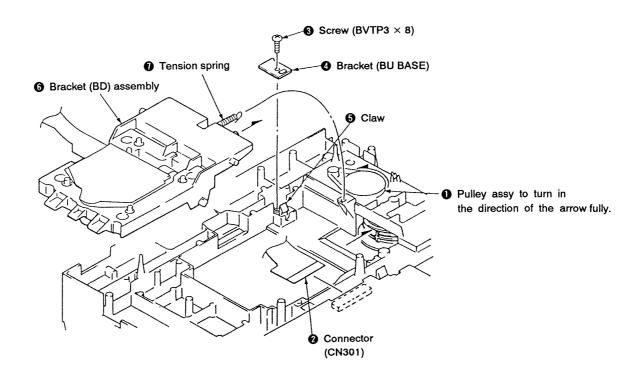
Screw (BVTP3 × 8)

Screw (BVTP3 × 8)

3-10. BRACKET (BD) ASSEMBLY

Pulley assembly

Note on assembly: Set to the arrow portion of gear (loading A) for shaft (CAM).



Bracket (CDM)

Screw (BVTP3 × 8)

SECTION 4 MECHANICAL ADJUSTMENTS

PRECAUTION

 Clean the following parts with a denatured alcoholmoistened swab:

record/playback heads pinch rollers erase head rubber belts capstan idlers

- 2. Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- 5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Mesurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm
FWD back tension	CQ-102C	2 to 6g • cm
REV	CQ-102RC	36 to 61 g • cm
REV back tension	CQ-102RC	2 to 6g • cm
FF/REW	CQ-201B	61 to 143g • cm
FWD tension	CQ-403A	1kg • cm or more
REV tension	CQ-403R	1kg • cm or more

SECTION 5 ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775V

- 1. Demagnetize the record/playback head with a head damagnetizer. (Do not bring the head demagnetizer close to the erase head.)
- 2. Do not use a magnetized screwdriver for the adjustments.
- 3. After the adjustments, apply suitable locking compound to the parts adjusted.
- 4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
- 5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
- 6. The adjustments should be performed for both L-CH and R-ch
- Switches and controls should be set as follows unless otherwise specified.

TAPE SELECT switch: TAPE I

DOLBY NR switch : OFF (Except E model)

8. Set to test mode. (Press key switch sometime DISPLAY), FUNCTION and POPS/2 button.)

Tape	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

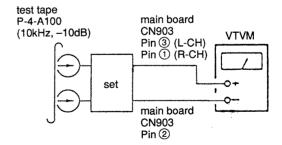
Record/Playback Head Azimuth Adjustment

DECK A DECK B

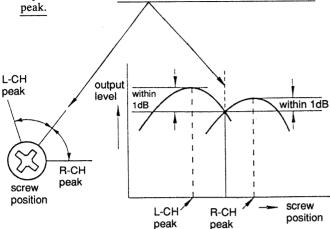
Note: Perform this adjustments for both decks.

Procedure:

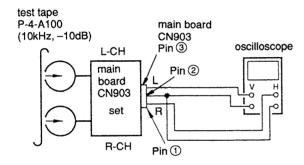
1. Mode: Playback (FWD)

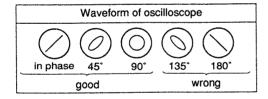


Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of



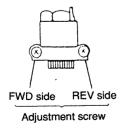
3. Mode: Playback (FWD)





- 4. Repeat steps 1 to 3 in playback (REV) mode.
- After the adjustments, apply suitable locking compound to the parts adjusted.

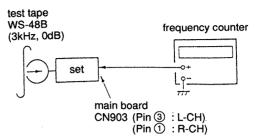
Adjustment Location: Record/Playback Head (Deck A and B)



Tape Speed Adjustment DECK A DECK B

Procedure:

Mode: Playback (FWD)



High speed adjustment

- 1. Press the HIGH SPEED DUBBING button in playback mode. Then at HIGH speed mode.
- 2. Adjust RV652 on the MD board so that the frequency counter reads $6,000 \pm 30$ Hz.

Normal speed adjustment

- 1. Set to the playback mode.
- 2. Adjust RV651 on the MD board so that the frequency counter reads $3,000 \pm 15$ Hz.

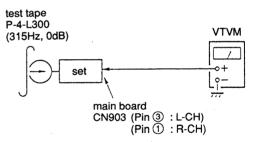
Frequency difference between deck A and deck B the beginning of the tape should be within $\pm\ 1.5\%.$

Adjustment Location: MD board

Playback Level Adjustment DECK A DECK B

Procedure:

Mode: Playback (FWD)



Deck A in RV311(L-CH) and RV411(R-CH), deck B is RV301(L-CH) and RV401(R-CH) so that the adjustment within adjustable limits as follows.

Adjustable limits:

CN903 PB level: 301.5 to 338.3 mV (–8.2 to –7.2 dB) level difference between the channels: within $\pm 0.5~dB$

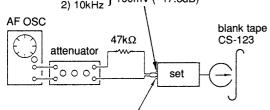
Adjust Location: MD and main boards

Record Bias Current Adjustment | DECK B

Procedure:

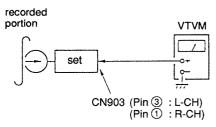
Mode: record

Pin 6 (L-CH) of IC901 on the main board. Pin (R-CH) of IC901 on the main board. 1) 315Hz 2) 10kHz } 100mV (-17.8dB)



Pin (2) (GND) of CN903 on the main board.

2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

If these levels do not adjustable limits, adjustment the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat steps 1 and 2.

Adjustable limits: Playback output of 315 Hz to playback

output of 10 kHz: 0±0.5 dB

Adjustment Location: MD and main boards

Record Level Adjustment | DECK B

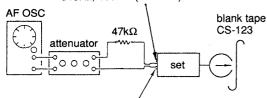
Setting:

TAPE SELECT switch: TYPE I

Procedure:

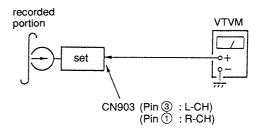
1. Mode: record

Pin 6 (L-CH) of IC901 on the main board. Pin (R-CH) of IC901 on the main board. 315Hz, 100mV (-17.8dB)



Pin @ (GND) of CN903 on the main board.

Mode: Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

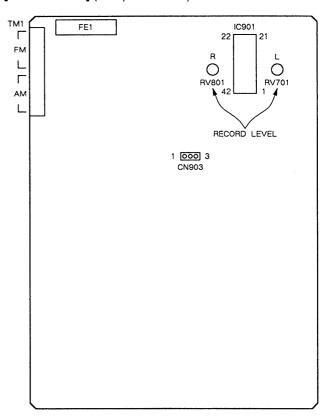
If these levels do not adjustable limits, adjustment the RV701 (L-CH) and RV801 (R-CH) on the main board to repeat steps 1 and 2.

Adjustable limits:

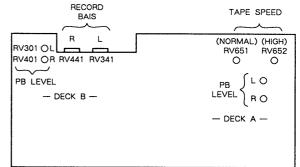
CN903 PB level: 47.3 to 53.1 mV (-24.3 to -23.3 dB)

Adjustment Location: main board

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)



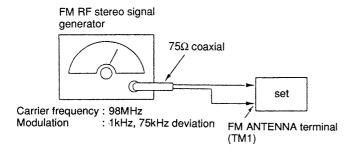
TUNER SECTION

0dB=1µV

Note: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

FM Section Adjustment

Setting:



FM Tuned Level Adjustment

Band: FM

Procedure:

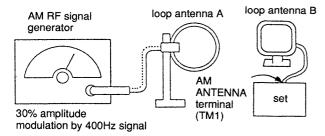
- 1. Supply a 17.8 μV (25dB μ) 98 MHz signal from the ANTENNA terminal.
- 2. Tune the set to 98 MHz.
- 3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location: main board

• Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

AM Section Adjustment

Setting:



AM Tuner Level Adjustment

Band: AM

Procedure:

- 1. Set loop antenna A so that the loop antenna B input level becomes 316 μV (50 dB μ).
- 2. Tune the set to 1050kHz.
- 3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location: main board

SW OSC Voltage Adjustment

(Saudi Arabia Model Only) BAND SELECT: SW

Procedure:

- 1. Connect the VOM to JW11.
- 2. Tune the set to 5.95MHz.
- 3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
- 4. Tune the set to 17.90MHz.
- 5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

(Saudi Arabia Model Only) BAND SELECT: SW

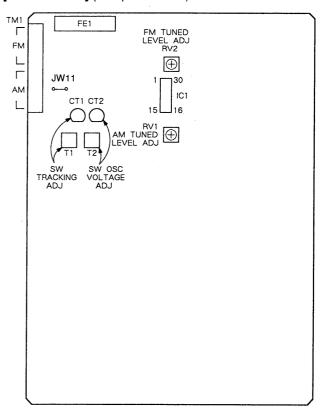
Procedure:

- 1. Connect the VOM to speaker terminal.
- 2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

Adjustment Location: main board

[MAIN BOARD] (Component Side)

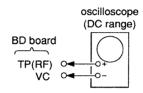


CD SECTION

Note:

- 1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
- Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
- 3. Use an oscilloscope with more than $10M\Omega$ impedance.
- Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
- Adjust the focus bias adjustment when optical block is replaced.

Focus Bias Adjustment

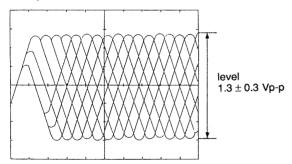


Procedure:

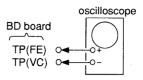
- Connect oscilloscope to test point TP (RF). (GND terminal: VC)
- 2. Turned Power switch on.
- 3. Put disc (YEDS-18) in and playback.
- 4. Adjust RV101 so that the waveform is clear. (Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.)
- 5. After adjustment, check the RF signal level.

• RF signal

VOLT/DIV: 200 mV TIME/DIV: 500 nS



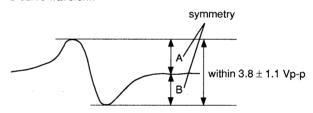
S Curve Check



Procedure:

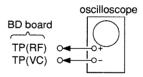
- 1. Connect oscilloscope to test point TP (FEO).
- Connect between test point TP (FOK) and GND by lead wire.
- 3. Turn Power switch on.
- 4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
- Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8±1.1 Vp-p.

S-curve waveform



- 6. After check, remove the lead wire connected in step 2.
- **Note:** Try to measure several times to make sure than the ratio of A: B or B: A is more than 10: 7.
 - Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



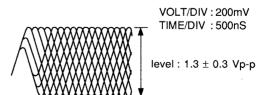
Procedure:

- 1. Connect oscilloscope to test point TP (RF) on BD board.
- 2. Turned Power switch on.
- 3. Put disc (YEDS-18) in and playback.
- 4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

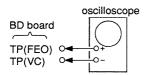
Note:

Clear RF signal waveform means that the shape " \Diamond " can be clearly distinguished at the center of the waveform.

RF signal waveform

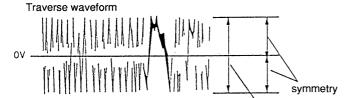


E-F Balance Check



Procedure:

- 2. Connect oscilloscope to test point TP (TEO).
- 3. Turned Power switch on.
- 4. Put disc (YEDS-18) in and playback.
- 5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.



level : 300 \pm 100 mVp-p

6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

This gain has a margin, so even if it is slightly off.

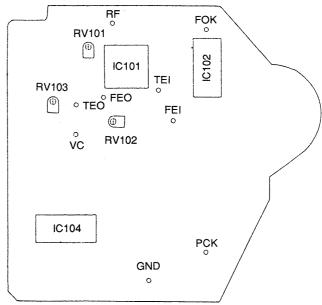
There is no problem.

Therfore, do not perform this adjustment.

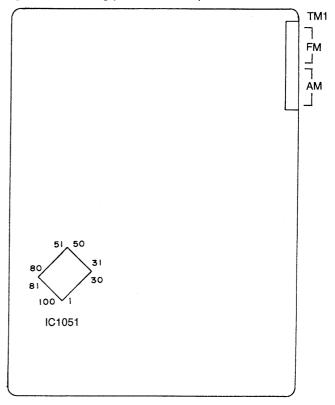
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location:

[BD BOARD] (Conductor Side)

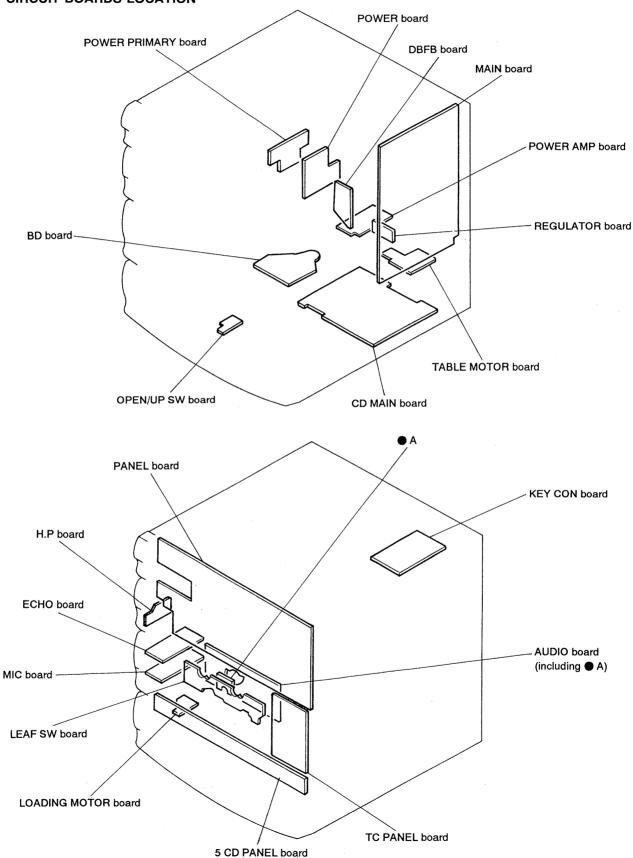


[MAIN BOARD] (Conductor Side)



SECTION 6 DIAGRAMS

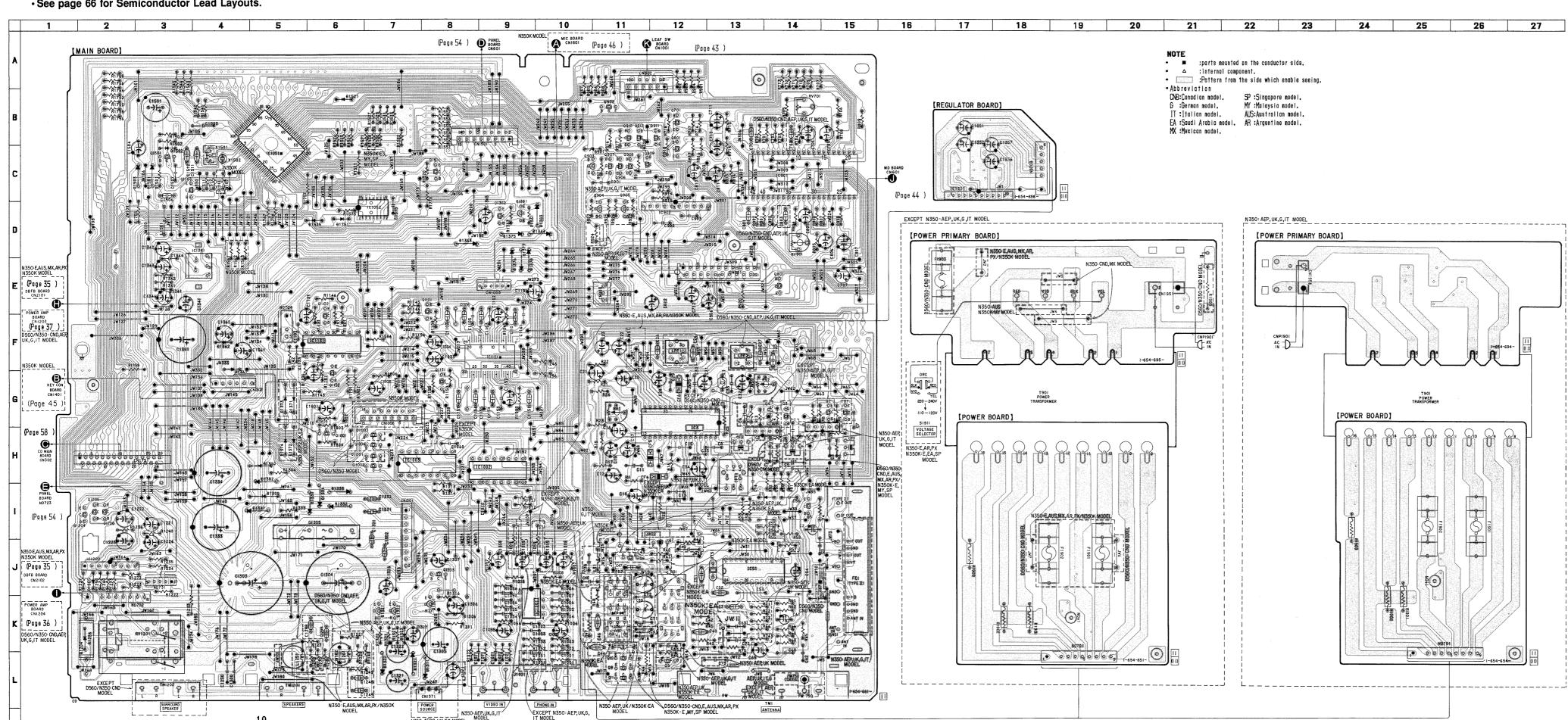
6-1. CIRCUIT BOARDS LOCATION



6-2. PRINTED WIRING BOARD — MAIN SECTION —

• See page 18 for Circuit Boards Location.

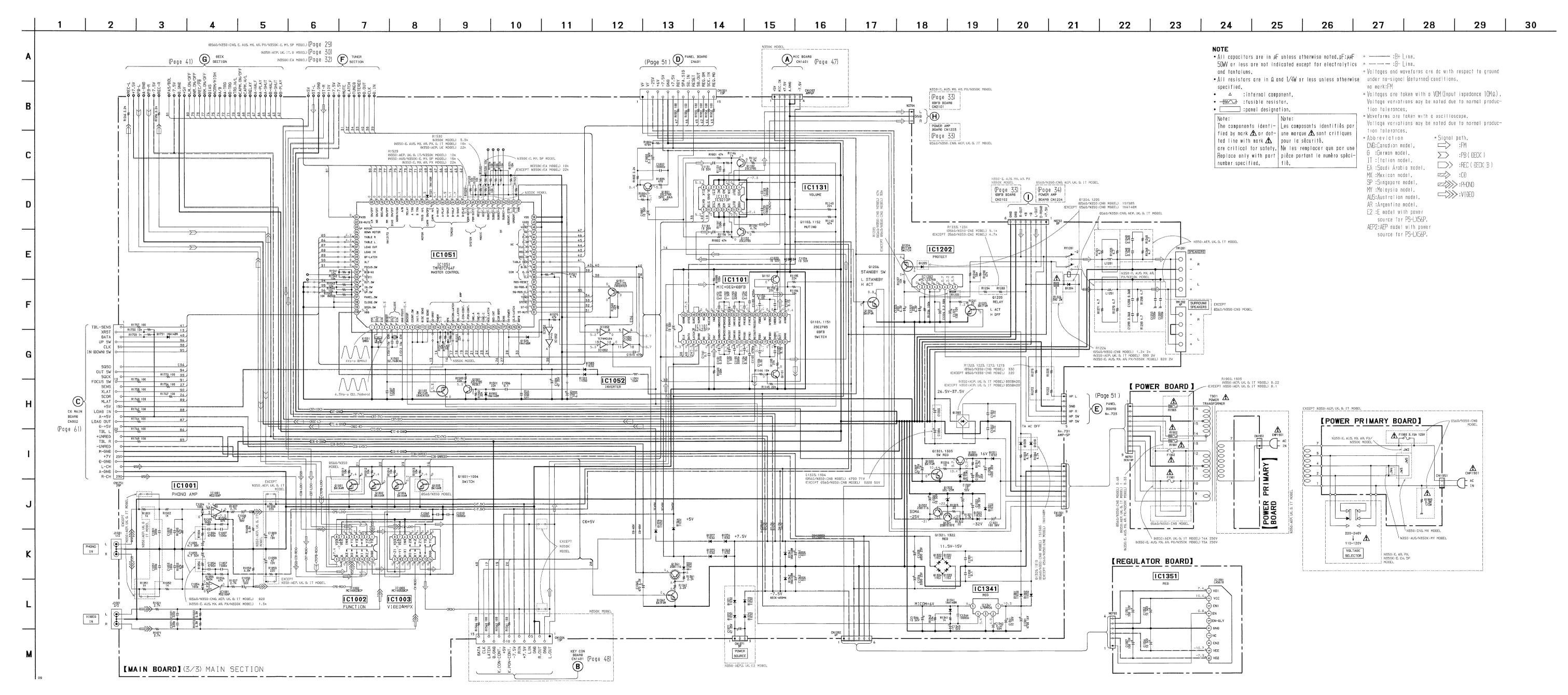
• See page 66 for Semiconductor Lead Layouts.

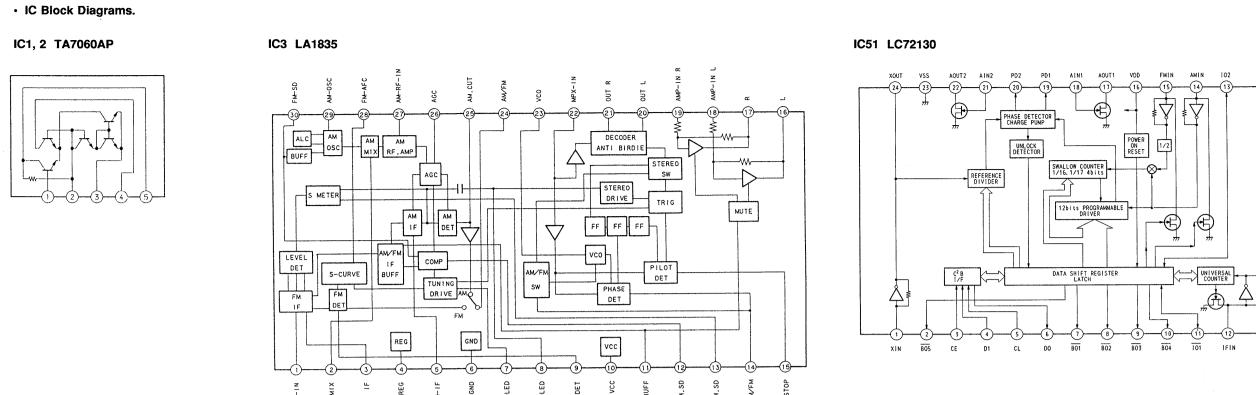


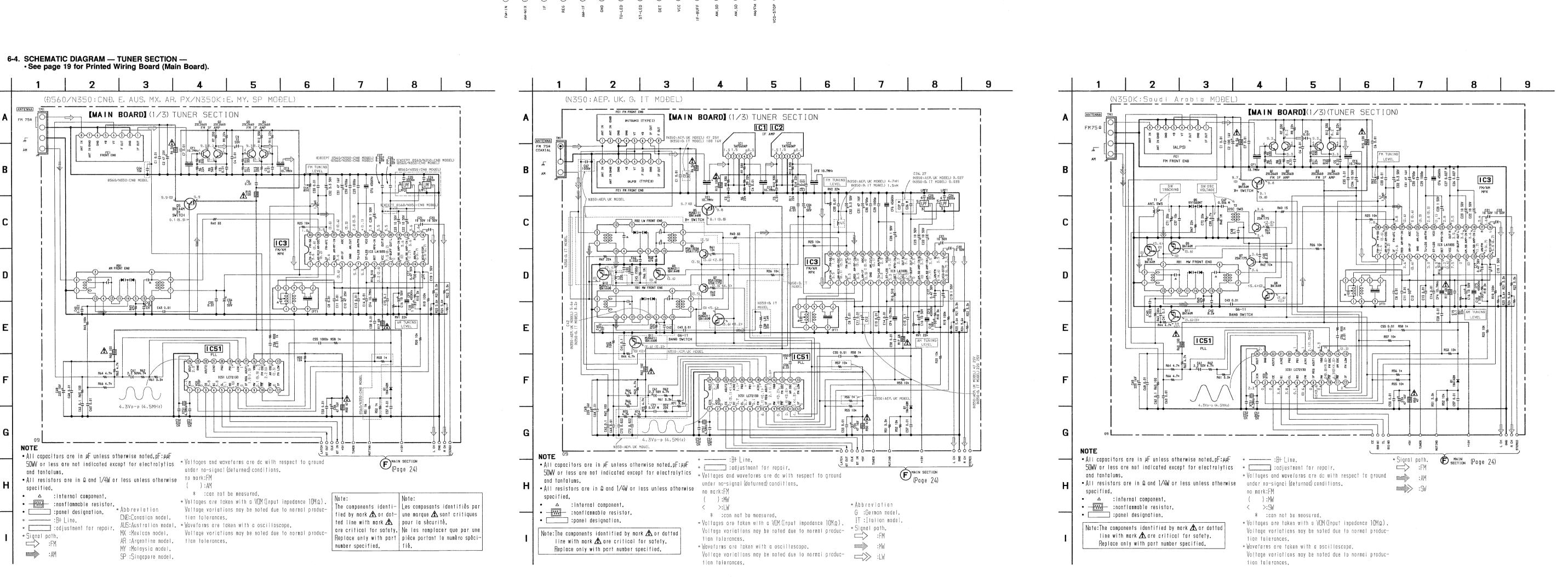
Semiconductor Location

•	Semiconductor Location				
F	Ref. No.	Location	Ref. No.	Location	
	D1 D5 D901 D1204	I-14 K-11 C-11 K-2	IC1131 IC1202 IC1341 IC1351	F-6 J-2 E-4 C-17	
	D1205 D1303 D1306 D1309 D1310 D1311 D1321 D1322 D1323 D1331 D1322 D1333 D1334 D1334 D1362 D1363 D1364 D1377 D1378 D1378 D1377 D1378 D1378 D1379	. J-16 K-5 5 8 7 7 7 6 6 6 6 6 3 4 4 8 10 5 5 5 5 5 9 9 9 9 5 5 10 3 3 3 6 6 6 6 15 4 12 9 9 7 5 7 9 F-9 F-15 10 C C C B D D G G G J C D K H H C D F-9 F-15 D C C C B D D G G G J C D K H H C D F-9 F-15 D C C C B D D G G G J C D K H H C D F-9 F-15 D C C C B D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-9 F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D F-15 D C C C B D D D G G G J C D K H H C D D F-15 D C C C B D D D G G G J C D K H H C D D F-15 D C C C B D D D G G G J C D K H H C D D F-15 D C C C B D D D G G G J C D K H H C D D F-15 D C C C D B D D D G G G G J C D K H H C D D F-15 D C C C D B D D D D G G G G J C D K H H C D D F-15 D C C C D B D D D D G G G G J C D K H H C D D F-15 D C C C C B D D D D D D G G G G J C D K H H C D D F-15 D C C C C B D D D D D D D D D D D D D D	Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q701 Q801 Q902 Q903 Q904 Q905 Q906 Q907 Q908 Q909 Q910 Q910 Q1001 Q1002 Q1003 Q1004 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1101 Q1101 Q1102 Q1103 Q1101 Q1101 Q1101 Q1102 Q1103 Q1101 Q1101 Q1102 Q1103 Q1101 Q101 Q101 Q101 Q101 Q101 Q10 Q10	G-15 G-15 G-15 G-14 I-14 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-11 I-12 I-13 I-14 I-15 I-16 I-17 I-17 I-17 I-18 I-18 I-19 I-19 I-19 I-19 I-19 I-19 I-19 I-19	

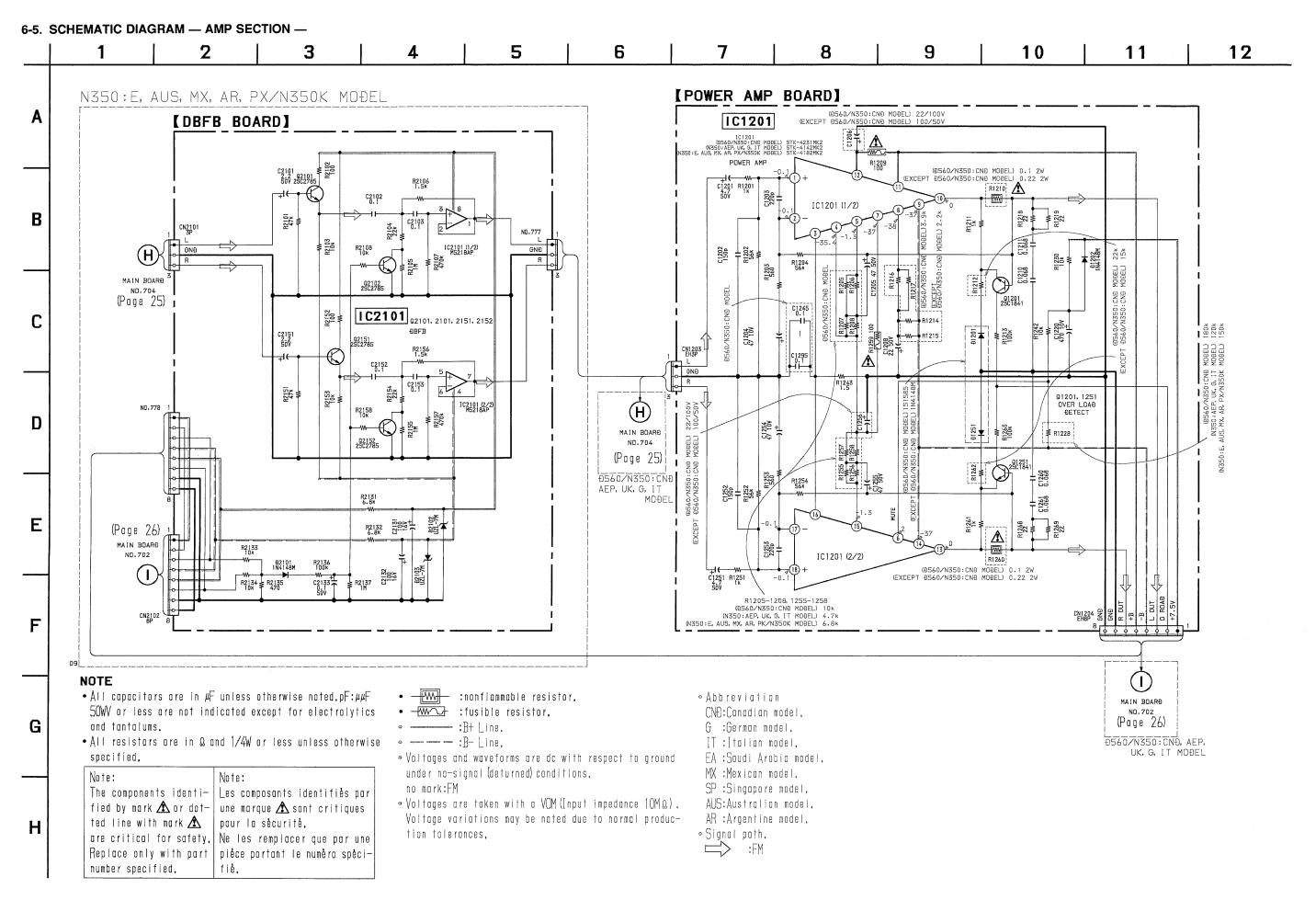
6-3. SCHEMATIC DIAGRAM — MAIN SECTION — • See page 64 for IC Block Diagrams. (IC1002, 1003, 1101, 1131, 1202, 1351) • See page 68 for IC Pin Functions. (IC1051)



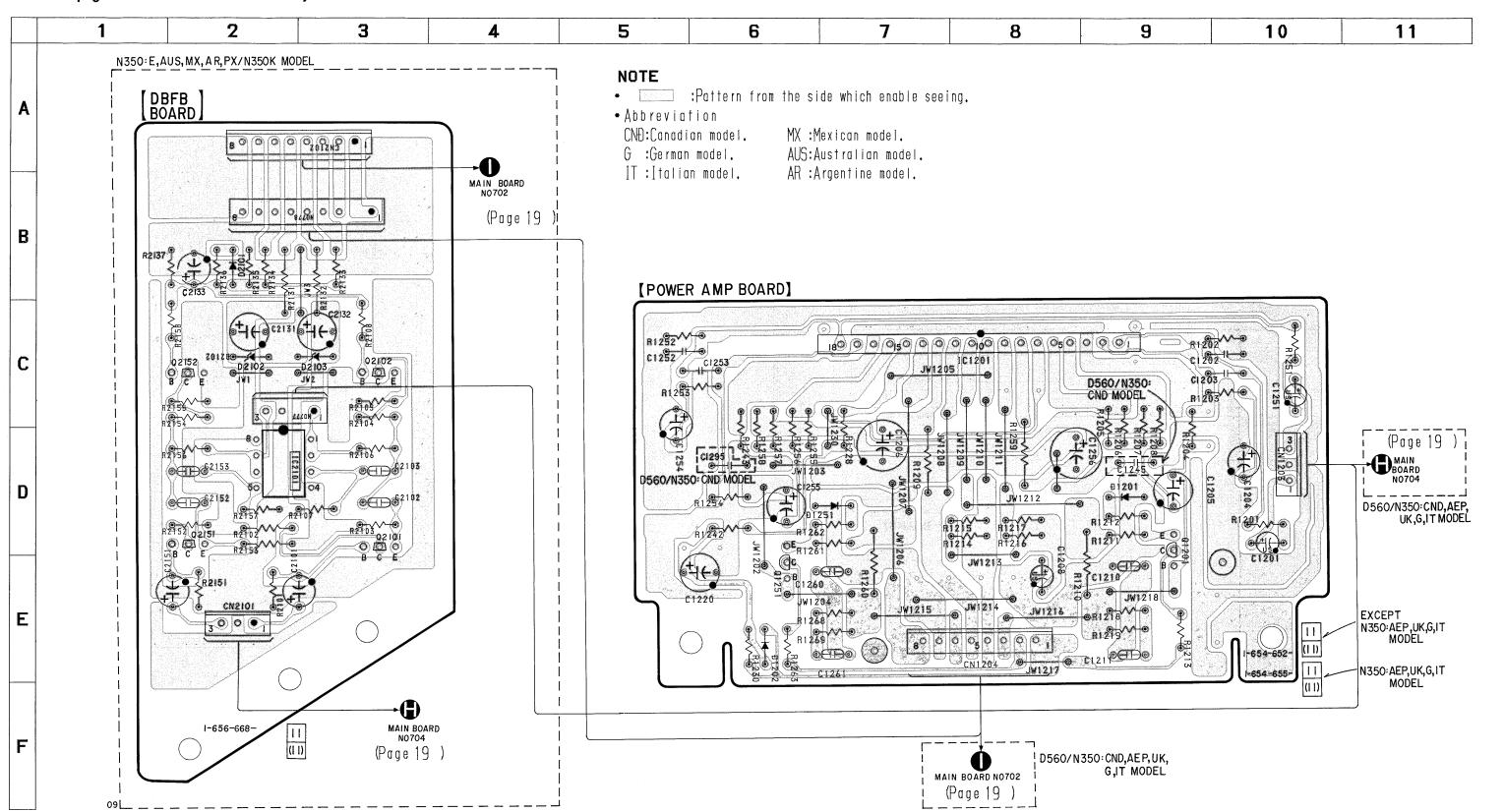




- 29 -



6-6. PRINTED WIRING BOARD — AMP SECTION —
See page 18 for Circuit Boards Location.
See page 66 for Semiconductor Lead Layouts.



Location		
Ref. No.	Location	
D1201	D-9	
D1202	E-6	
D1251	D-7	
D2101	B-2	
D2102	C-2	
D2103	C-3	
IC1201	C-8	
IC2101	D-2	
Q1201	D-9	
Q1251	E-6	
Q2101	D-3	
Q2102	C-3	
Q2151	D-2	
Q2152	C-2	

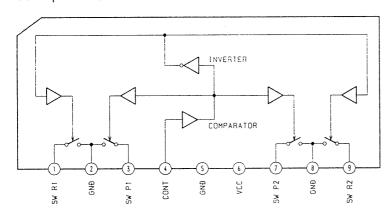
6-7. SCHEMATIC DIAGRAM — DECK SECTION — 9 | 10 | 11 | 12 | 13 | 14 | 15 23 24 17 19 20 21 22 16 18 26 5 [MAIN BOARD] (2/3) (DECK SECTION) [MD BOARD] PLAYBACK HEAĐ I C611 REC LEVEL L • All capacitors are in μF unless otherwise noted.pF: $\mu \mu F$ TAPE SPEED TAPE SPEED 50WV or less are not indicated except for electrolytics (NORMAL) (HIGH) and tantalums. 9651 25A1345 • All resistors are in Ω and 1/4W or less unless otherwise 0560/N350:CN0, AEP, UK, G, IT MODEL specified. • % :indicates tolerance. CAPSTAN MOTOR • - tusible resistor. CONTROL TC651 M2 TRIGGER MOTOR C805 C805 R806 R806 The components identi- Les composants identifiés par APB-R> - B ĐECK fied by mark 🛕 or dot-ted line with mark 🛕 pour la sècurité. [MOTOR BOARD] IC601 (2/2) #PC4570C-1 RECORD/PLAYBACK ERASE HEAÐ 7.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 are critical for safety. Ne les remplacer que par une IC601 Replace only with part pièce portant le numèro spèci-I C901 number specified. fie. ĐECK PROCESS • ----:R+ Line. CAPH-/L CAPH-/L CAPH-/L CAPH-/L TROMTROM7.5V CAPMCAPM H/L CAPM+ TRGM+ TRGMV+ PB • --- :B- Line. • _____ :adjustment for repair. C402 R403 R405 C404 100 22k 13k 0.01 8.2× ¥ 2× ¥ | 6.00 | 16V | 16V | PB LEVEL R Voltages and waveforms are dc with respect to ground 0801 2502785 under no-signal conditions. APBL O APBR Q701, 801 MUTE C403 0 2 16V APB LCH APB RCH R816 2.2k BPB-L> no mark:PLAY ():REC BPB LCH R815 22k C811 1 50V IC601 (1/2) #PC4570C-1 * :can not be measured. Q901 BUFFER V- PB RELAY ∘ Voltages are taken with a VOM (Input impedance 10MQ). BIAS V- BIAS Voltage variations may be noted due to normal produc-Q902 BN1L4M SW1TCH tion tolerances. REC/PB SWITCH IC602 #PC1330HA V+ BIAS Abbreviation REC LCH \leftarrow CND:Conadian model. **←** VREF HX BIAS-HX C-G :German model. BIAS HX HEADEARTH IT : Italian model. EA :Saudi Arabia model. ---<-7.5V>---MX :Mexican model. ----<NR.ON/OFF>--— NR.ON∕ŌFF AUS: Australian model. -----<REC/PB>---─ REC/PB RM.ŪN∕OFF AR :Argentine 8 SW.R2 C331 120p 630V R331 12k —<BIAS.ON/OFF>---- BIAS. ON/OF ∘ Signal path. ≥>> :PB(ĐECK A) [LEAF SWITCH BOARD] ---(A/B)----L331 ⊥ C332 27∎H ⊤ 330p Q1001 NJL5165K-A Q1002 NJL5165K~A :PB(DECK B) L431 T 530p W >> :REC (DECK B) Q1001. 1002 C431 120p 630V ₹ RV441 220k REEL ĐETECT CAPN. TIN/OF REC BIAS CAPN.H/L ₹R1001 ₹ R1002 ____ TINER ---IC902 9908-912 Q621 25C2001 AMALF APLAY A120/70 ASHUT BHALF HSV GONG BSHUT DHETAL BPLAY 1 CN1001 A HALF A PLAY A Cr02 A REEL OS B HALF A C r O 2 V TRIGGER MOTOR ORIVER Q903~907 CAPSTAN MOTOR REC A V Q911 BN1L4M B REEL B METAL B PLAY R1005 -7.2 Q906 BATA4M REC B ↑ R621 R622 ↑ (N350:AEP, UK, G. IT MODEL) 2501616A (EXCEPT N350:AEP, UK, G, IT MODEL) 2501387 \$1008 B CrO2 S1002 B PLAY EXCEPT N350: AEP, UK, G, IT MODEL N350: AEP, UK, G, IT MODEL 9901 UZL9L

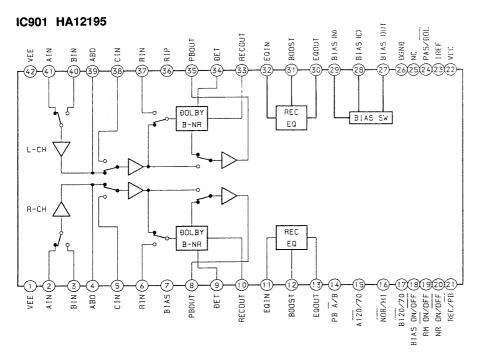
— 38 —

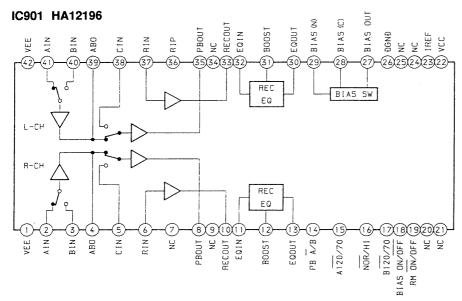
-39-

• IC Block Diagrams.

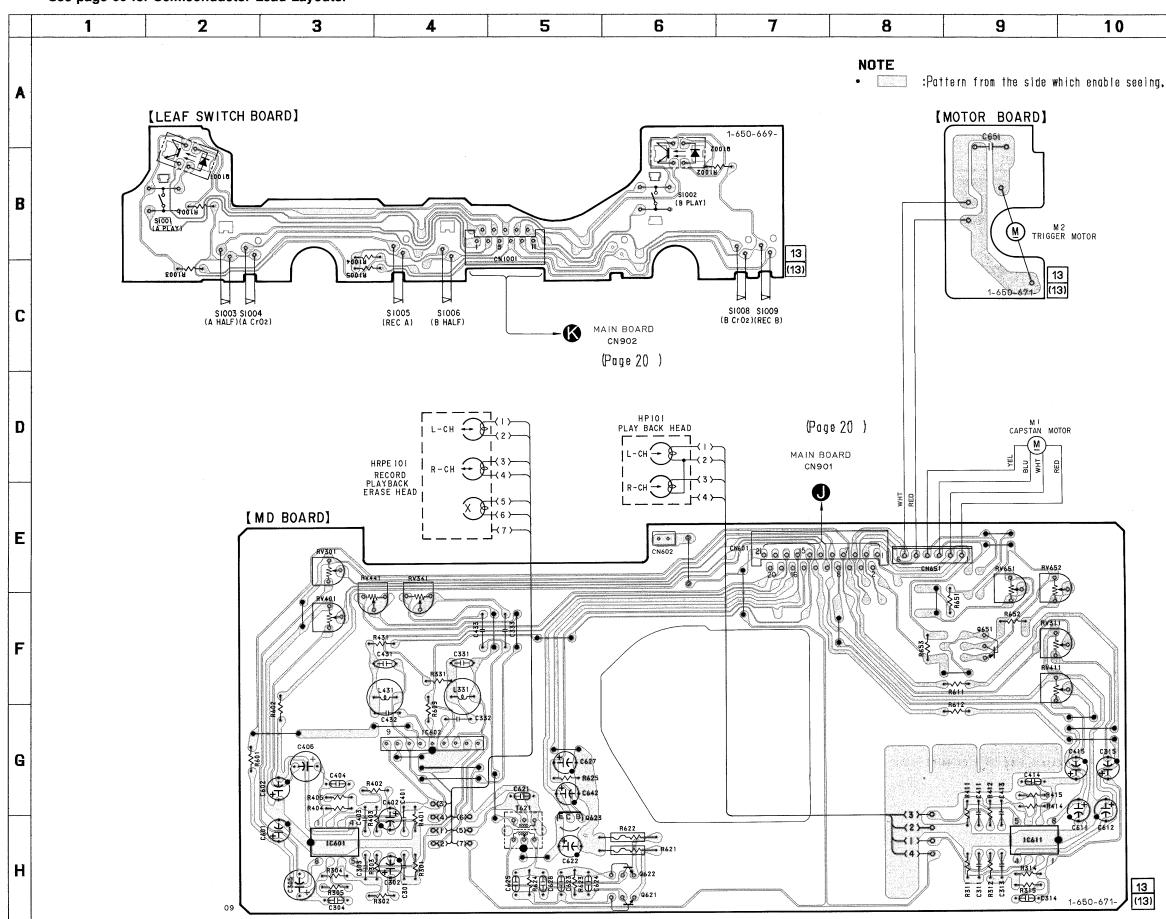
IC602 μPC1330HA







- 6-8. PRINTED WIRING BOARD DECK SECTION
 - See page 18 for Circuit Boards Location.
 - · See page 66 for Semiconductor Lead Layouts.



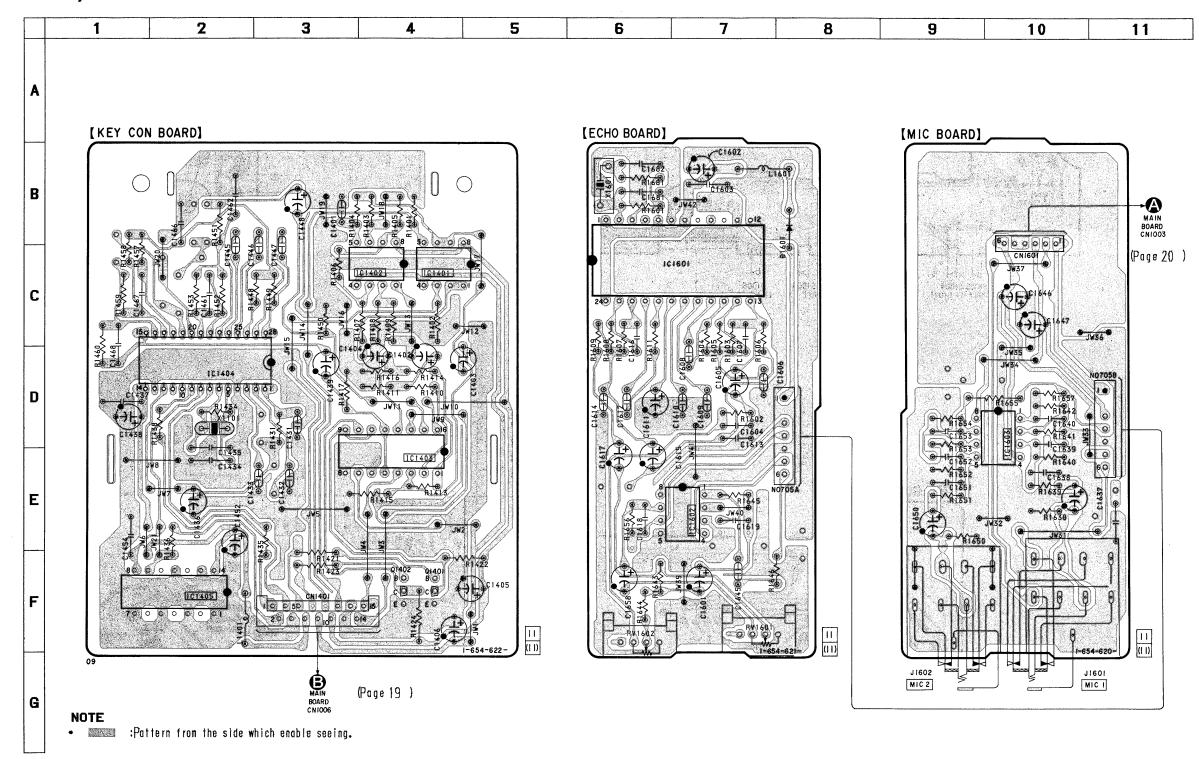
Semiconductor Location

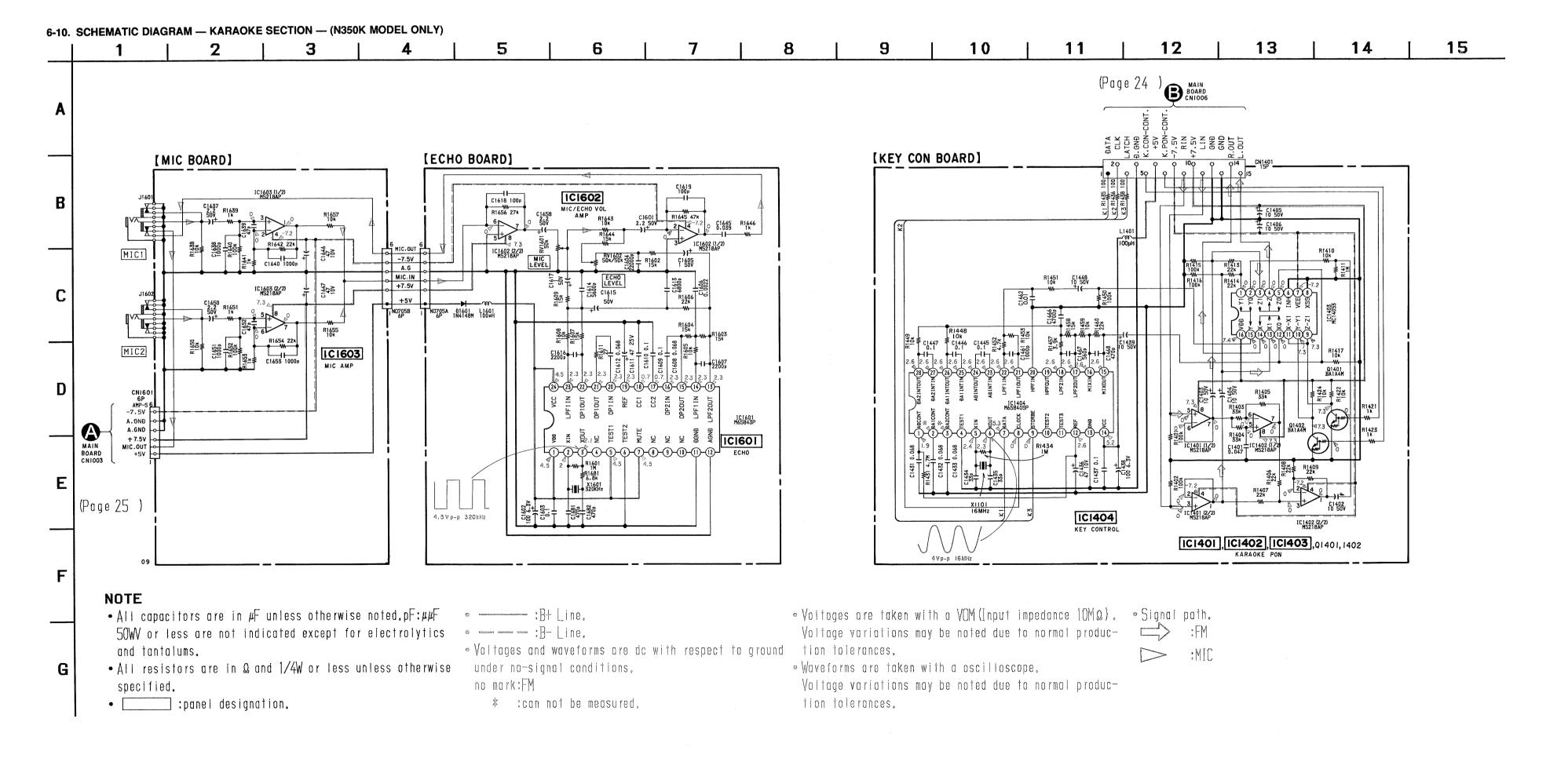
Ref. No.	Location		
IC601	H-3		
IC602	G-4		
IC611	H-9		
Q621	I-6		
Q622	H-6		
Q623	H-5		
Q651	F-9		
Q1001	B-2		
Q1002	B-6		

6-9. PRINTED WIRING BOARD — KARAOKE SECTION — (N350K MODEL ONLY) See page 18 for Circuit Boards Location. See page 66 for Semiconductor Lead Layouts.

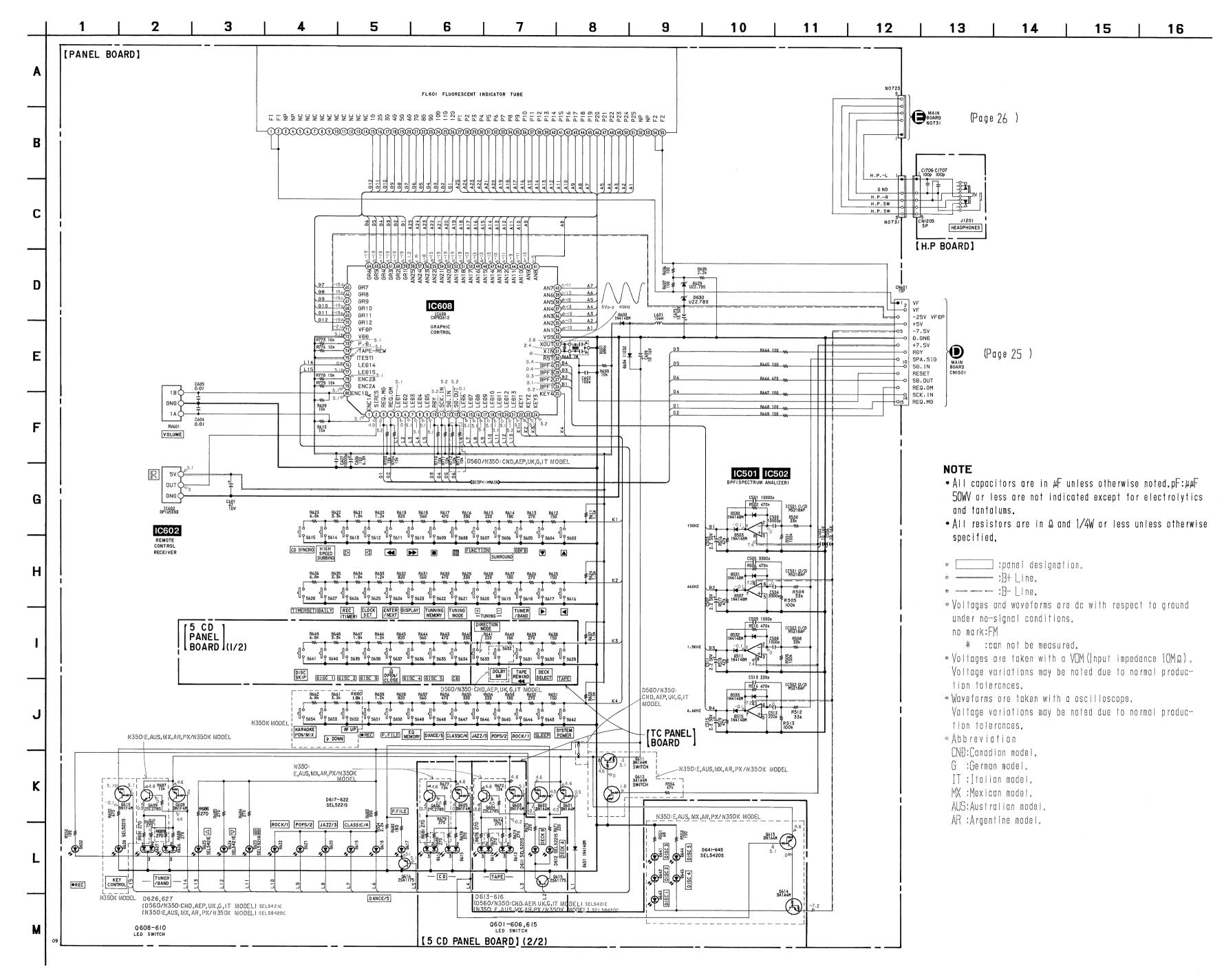
Semiconductor Location

Ref. No.	Location				
D1601	B-8				
IC1401 IC1402 IC1403 IC1404 IC1601 IC1602 IC1603	C-4 C-4 E-4 D-2 C-7 E-7 D-10				
Q1401 Q1402	F-4 F-4				



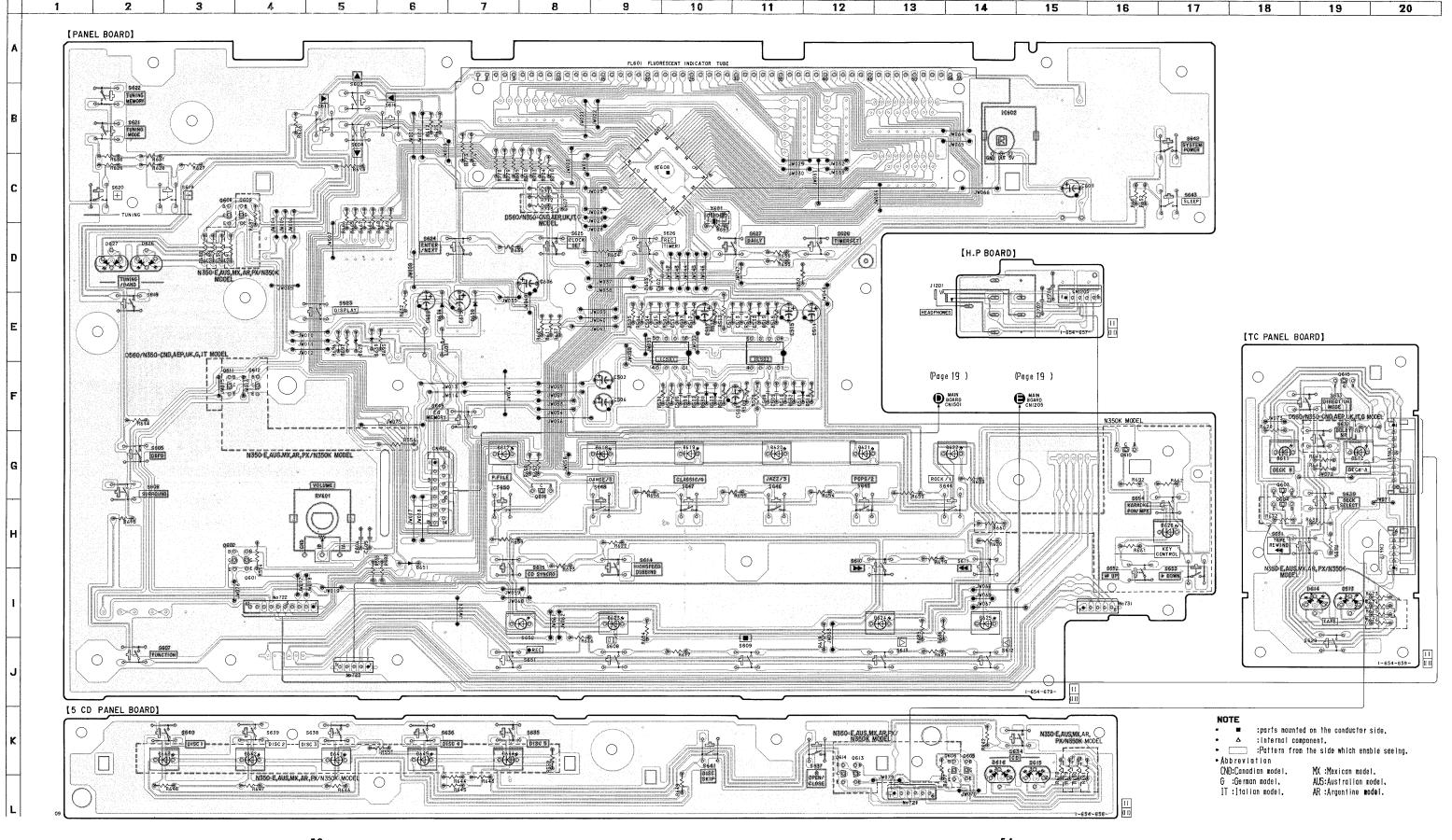


6-11. SCHEMATIC DIAGRAM — PANEL SECTION — • See page 67 for IC Pin Functions. (IC608)



6-12. PRINTED WIRING BOARD — PANEL SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.



Semiconductor Location

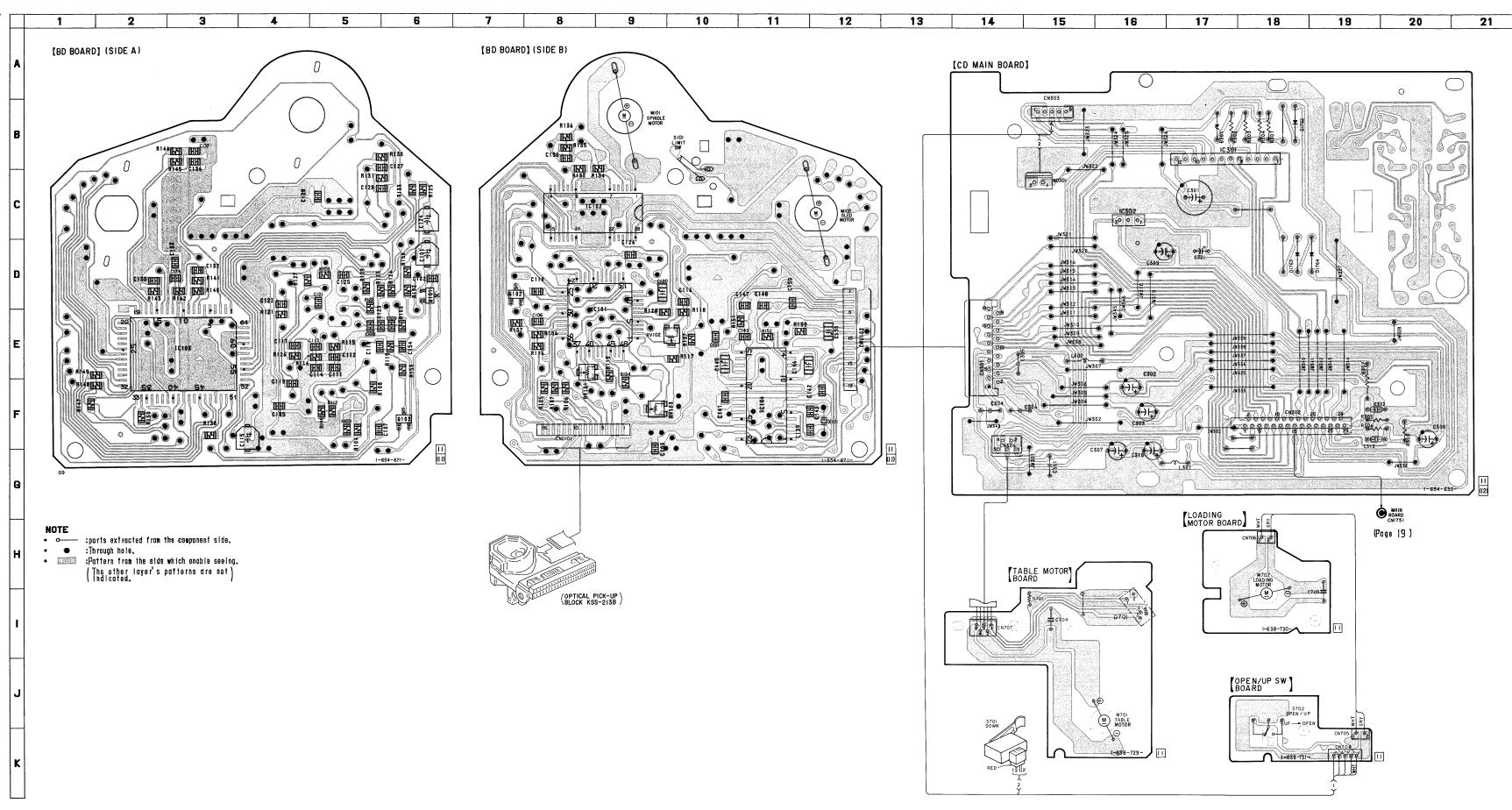
Ref. No.	Location
D503 D507 D511 D515 D530 D531 D532 D533 D600 D611 D612 D613 D614 D615 D616 D617 D618 D619 D620 D621 D622 D623 D624 D625 D626 D627 D628 D629 D630 D634 D641 D642 D643 D641 D642 D643 D645 D651 D652	F-10 E-10 F-12 E-11 F-10 E-11 E-7 E-19 I-19 I-19 I-14 D-2 H-15 E-5 K-4 K-7 K-6 H-6 I-8
IC501 IC502 IC602 IC608	E-10 E-11 C-14 C-10
Q601 Q602 Q603 Q604 Q605 Q606 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616	I-4 H-3 G-18 H-18 K-14 C-3 C-4 G-16 F-3 F-4 K-12 K-12 F-19 G-8

6-13. PRINTED WIRING BOARD — CD SECTION —

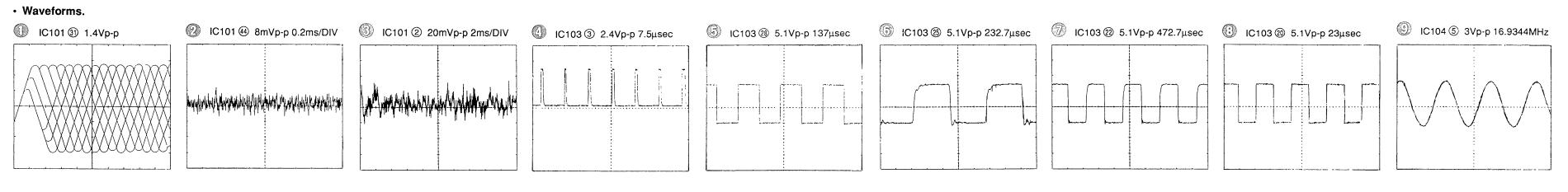
- See page 18 for Circuit Boards Location.
 See page 66 for Semiconductor Lead Layouts.

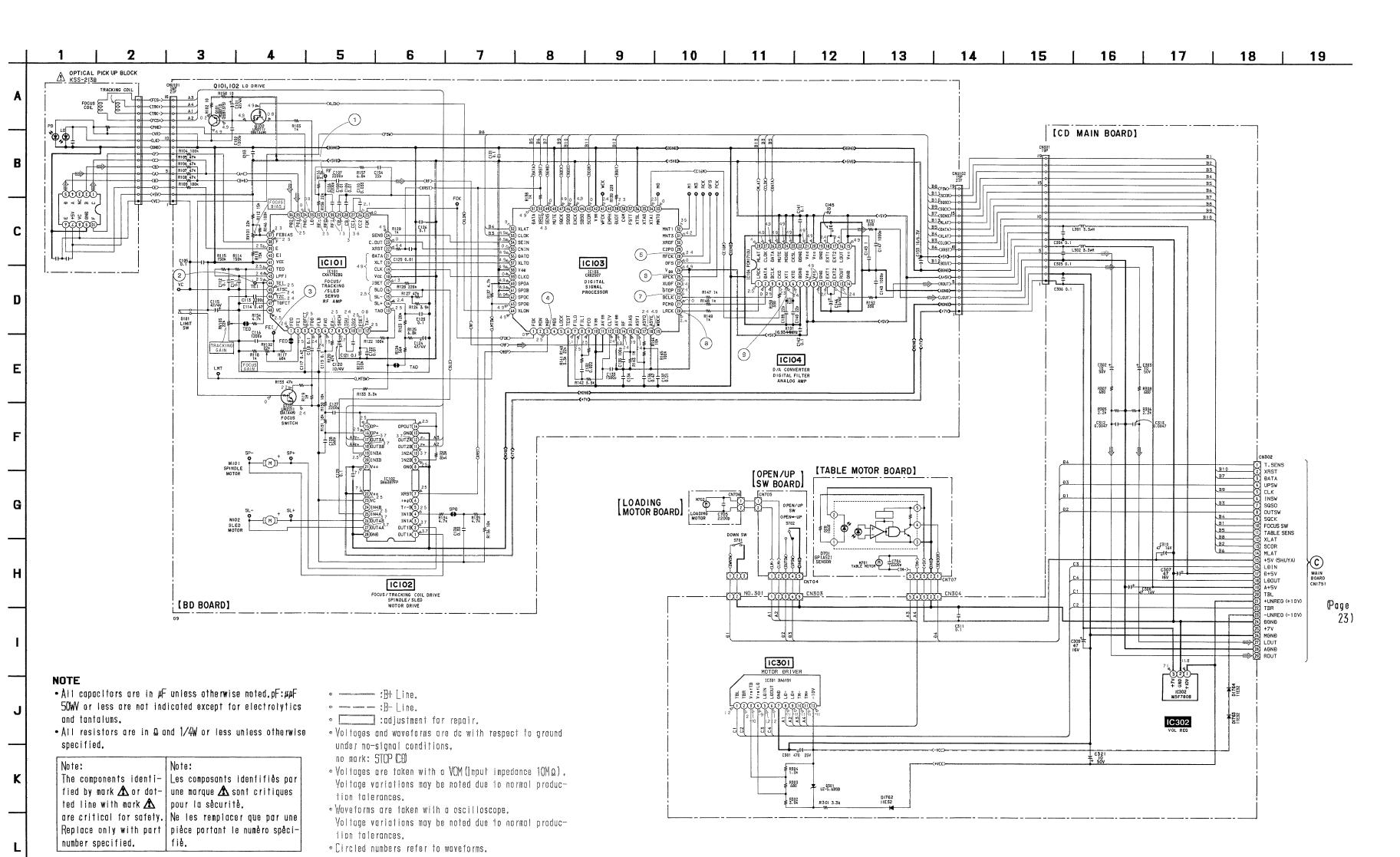
Semiconductor Location

Location		
Ref. No.	Location	
D301	B-17	
D701	I-16	
D1762	B-18	
D1763	D-18	
D1764	D-19	
IC101	D-9	
IC102	C-8	
IC103	E-3	
IC104	F-11	
IC301	B-17	
IC302	C-1.6	
Q101	D-6	
Q102	D-7	
Q103	F-6	



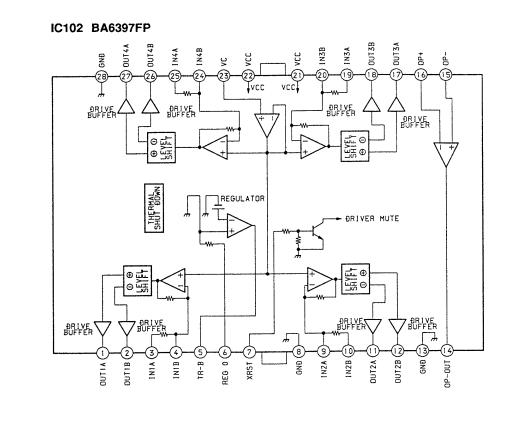
6-14. SCHEMATIC DIAGRAM — CD SECTION —



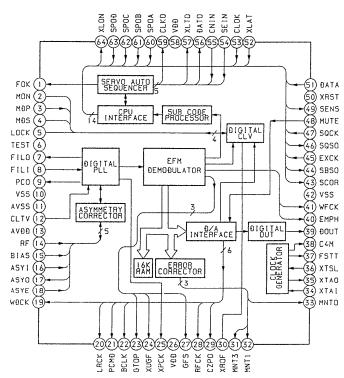


ICTO CXA1782BQ IT BIAS ST AMUST INTERIOR TO SET AMUST INTERIOR TO

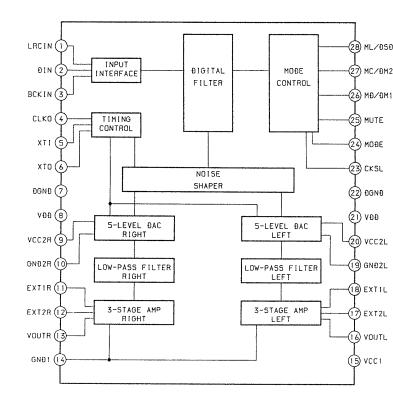
• IC Block Diagrams.



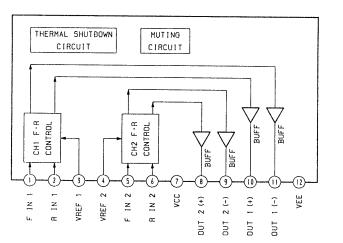
IC103 CXD2507



IC104 PCM1710U

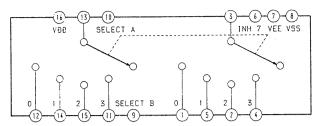


IC301 BA6191

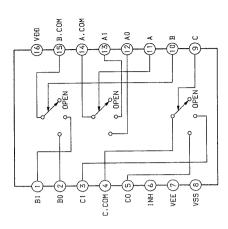


6-15. IC BLOCK DIAGRAMS — MAIN SECTION —

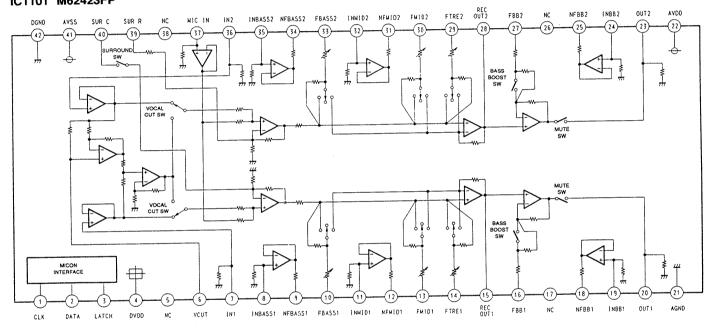
IC1002 MC14052BCP



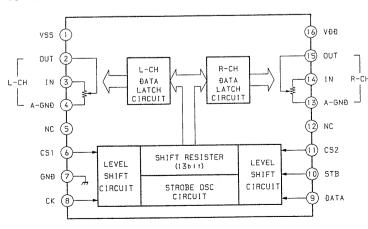
IC1003 MC14053BCP



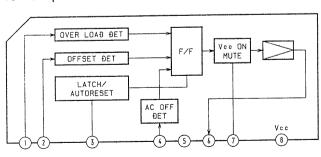
IC1101 M62423FP



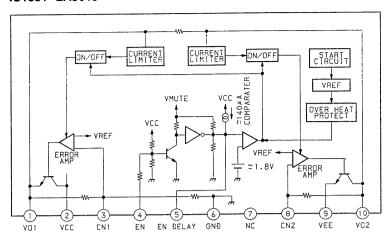
IC1131 TC9210P



IC1202 μPC1237HA



IC1351 LA5618



6-16. SEMICONDUCTOR LEAD LAYOUTS

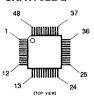
BA6191



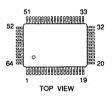
BA6397FP



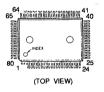
CXA1782BQ



CXD2507AQ



CXP82612-006Q



GP1U50XB



1 2 3 3 6ND

HA12195 HA12196



LA1835 M65840SP



(Top view)

LA5618



LB1641



LC72130 M65843P



L78MR06



MC14052BCP MC14053BCP TC9210P μPD4053BC



M5F7807



M5218AP μ PC4570C-1



M62423FP



PCM1710U



SN74HCU04ANS-E20



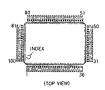
STK-4142MK2 STK-4182MK2 STK-4231MK2



TA7060AP



TMP87CP64F-6254



μPC1237HA



 μ PC1330HA



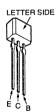
DTA124ES DTA144ES DTC114ES DTC124ES DTC144ES 2SC2669-OY



MSB710 UN2111 UN2211



UN4111 2SA1175-HFE 2SC2785-HFE 2SC403SP



2SB1116-L 2SC1841-PAFAEA 2SC2001-LK 2SD1387 2SD1616A-K



D3SBA20-4101 D5SBA20F01



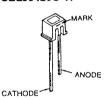
GP-1A521



KV1560N



SEL5221S-TH8F SEL5420S-TP SEL5421E-TH8F SEL5421E-TP SEL5921A-TH8F SEL58420C-TP



HZS9A2L HZS7B2L HZS27-2L UZ-2.7BSA UZ-5.6BSB UZL-11M1 11ES2



1N4148M 1S1585 10E2



6-17. IC PIN FUNCTIONS

• IC608 GRAPHIC CONTROL (CXP82612-006Q) IC PIN FUNCTIONS

Pin No.	Pin Name	I/O	Function
1	ENC1A	I	Volume encoder signal input.
2	SIRCS	I	SIRCS signal input.
3	REQ. MG	I	Reguest signal from master control.
4	REQ. GM	0	Reguest signal to master control.
5,–9	LED1-5	0	LED drive signal output.
10	RDY	I/O	RDY signal from/to master control.
11	SCK IN	I	Serial clock input.
12	SD IN	I	Serial data input.
13	SD OUT	0	Serial data output.
14–21	LED6-13	0	LED drive signal output.
22–25	KEY1-4	I	Key matrix input.
26–29	BPF1-4	I	Spectram analizer signal input.
30	RST	I	Reset signal input.
31	X IN	I	X'tal (4MHz).
32	X OUT	0	
33	Vss	_	GND
34–58	AN1-25	0	FL segment signal output.
59–70	GR1-12	0	FL grid signal output.
71	VFDP	-	-25V for FL
72	VDD	_	+5V
73, 74	PD	I	Not used. (Pull up)
75	VDD	_	+5V
76, 77	LED14, 15	0	LED drive signal output.
78, 79	ENC2B, A	I	Not used. (Pull up)
80	ENCIB	I	Volume encoder signal input.

• IC1051 MASTER CONTROL (TMP87CP64F-6254)

Pin No.	Pin Name	I/O	Function	
1	Vss	I/O	GND	
2	XOUT		V'tol (OMLIa)	
3	XIN	I	X'tal (8MHz).	
4	RESET	I	Reset signal input.	
5	XOUT	0	V'tal for alask (22.769kHz)	
6	XIN	I	X'tal for clock (32.768kHz)	
7	GND (test)	_	GND	
8	BACK UP	I	Back up signal input.	
9	COUNT SW	I	}	
10	ĪNIT SW	I		
11	DISC SENS	I	Not used.	
12	MID SENS	I]}	
13	CD XRST	0	Reset signal output for CD.	
14	POWER ON	0	Power on signal output.	
15	MUTE (TA)	0	Mute signal for AMP.	
16	MPX ON	0	Control signal output for MPX. (N350K)	
17	KEY CON LATCH	0	Latch signal for KEY CON. (N350K)	
18	VOL LATCH	0	Latch signal for electrical volume.	
19	K-CON	0	Control siganl output for KEY CON. (N350K)	
20	K-PON B	0	Control signal output for KARAOKE PON. (N350K)	
21	FUNC A	0		
22	FUNC B	0	Input selector control signal output.	
23	FUNC C	0		
24	GEQ. LATCH	0	Latch signal for graphic equalizer	
25	RDS INT	I	Not used. (Pull up)	
26	SCOR	I	Sub-code sync signal input.	
27	SENS	I	Table sence signal input.	
28	CD POWER	0	CD power control signal output.	
29	CD. G-LATCH	0	Not used.	
30	DBFB1-2	0	DBFB switching signal output.	
31	ST-MUT	0	Mute signal output for tuner.	
32	ST-CE	0	Latch signal output for tuner.	
33	STEREO	I	Stereo detection signal from tuner.	
34	TUNED	I	Tuned detection signal from tuner.	
35	SQ (RDS) CLK	0	Clock output for sub-Q.	
36	SQ (RDS) DI	I	Sub-Q input.	
37	RDS RESET	0	Not used.	
38	CLK	0	Clock output. Serial bus line.	
39	DIN	I	Data input. Serial bus line.	
40	D OUT	0	Data output. Serial bus line.	

Pin No.	Pin Name	I/O	Function					
41	TABLE SENS	I	Sense signal input.					
42	REQ GM	I	Request signal from graphic control.					
43	REQ MG	0	Request signal to graphic control.					
44	CLK MG	0	Clock signal to graphic control.					
45	DI GM	I	Data input from graphic control.					
46	DO MG	0	Data output to graphic control.					
47	MC RDY	I/O	RDY signal from/to graphic control.					
48	VAREF	I	Analog reference voltage input.					
49	VAss	_	7					
50	Vss	_	} GND					
51	VDD	_	+5V					
52	UNGENT. SIG	I	Not used. (Puil up)					
53	URGENT. STBY	0	Not used.					
54–57	SUBKEY4-1	I	Test land.					
58, 59	DEST2, 1	I						
60, 61	PWM1, 2	I	Not used.					
62	B-PLAY	I						
63	B-SHUT	I						
64	B-HALF	I	ontrol signal input from deale					
65	A-SHUT	I	Control signal input from deck.					
66	A-PLAY	I						
67	A-HALF	I						
68	CAP M H/L	0	Control signal output for constan mater					
69	CAP M ON/OFF	0	Control signal output for capstan motor.					
70	TRIG H/L	0						
71	B TRIG	0	Control signal output for trigger motor.					
72	A TRIG	0						
73	RELAY REC/PB	0						
74	PB A/B	0						
75	EQ NORM/HIGH	0						
76	BIAS ON OFF	0	Control signal output for deck.					
77	RM ON/OFF	0						
78	REC/PB	0						
79	NR ON/OFF	0	<u> </u>					
80	LM ON/OFF	0	Mute signal output for deck.					
81	PASS	0	Dolby switching signal output.					
82	CDG MUTE	0						
83	UP MOTOR	0	Not used.					
84	DOWN MOTOR	0]					
85	TABLE R (5CD)	0	Table control signal output.					

Pin No.	Pin Name	1/0	Function
86	TABLE L (5CD)	0	Table control signal output.
87	LOAD OUT	0	Ladian material sized subsut
88	LOAD IN	0	Loading motor control signal output.
89	DF LATCH	0	Latch signal for digital filter.
90	XLT	0	Latch signal digital signal processor.
91	FOCUS SW	0	Focus switching signal output,.
92	DUB HĪ	I	Hi speed dubbing signal input.
93	TEST-1	I	Test land.
94	OUT SW	I	Out switch signal input.
95	ĪN SW	I	Down switch signal input.
96	UP SW (5CD)	1	Up switch signal input.
97	PANEL SW (MAGK)	I	
98	CLOSE SW	I	Not used.
99	OPEN SW	I	
100	VDD	_	+5V

SECTION 7 EXPLODED VIEWS

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

Abbreviation

E2

E3

AR

CND: Canadian model : German model G IT : Italian model : Saudi Arabia model EΑ MX: Mexican model SP : Singapore model : Malaysia model MY AUS : Australian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque A sont critiques pour la sécurité.

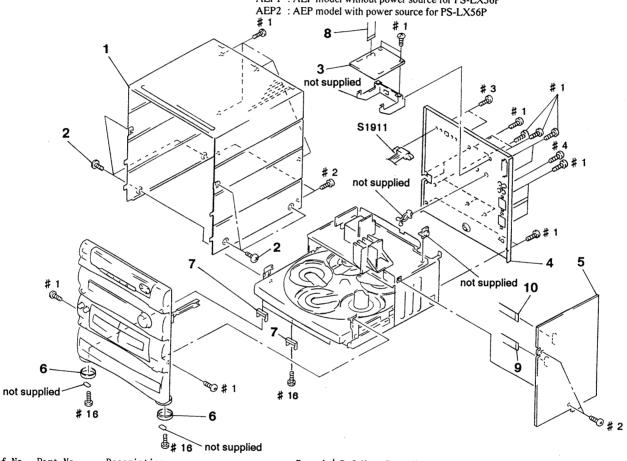
Ne les remplacer que par une piéce portant le numéro spécifié.

7-1. CASE SECTION

: Argentine model AEP1 : AEP model without power source for PS-LX56P

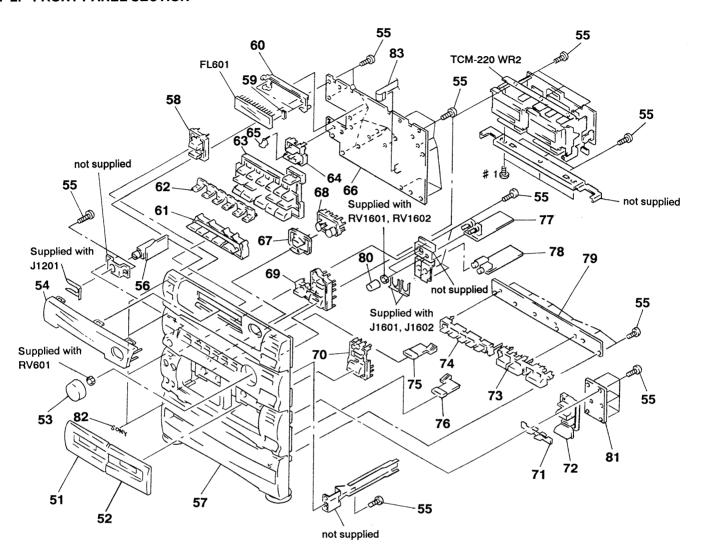
: E model with power source for PS-LX56P

: E model without power source for PS-LX56P



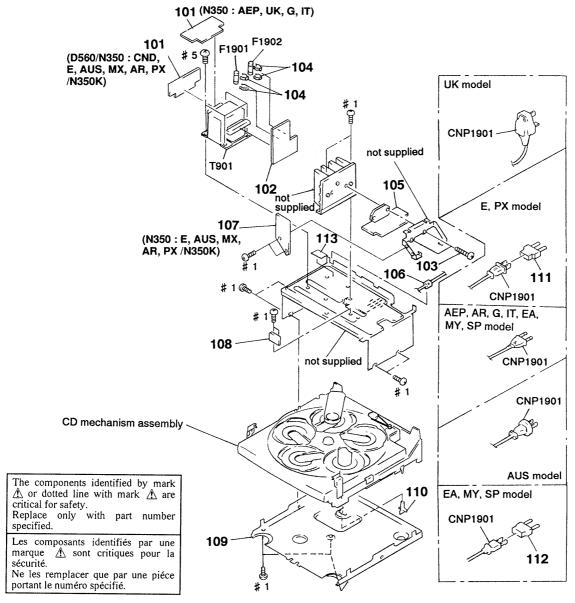
Ref. No.	Part No.	Description	, , ,	Remark	Ref. No.	Part No.	Description	Remark
1 2 * 3	4-962-724-31 3-363-099-01 A-4377-135-A	SCREW (CASE 3	TP2) , COMPLETE (N350K)		* 4 * 5	4-970-165-81 A-4377-060-A	PANEL, BACK (N350K:SP) MAIN BOARD, COMPLETE (N350	0:AEP2, UK)
* 4 * 4	4-969-795-01	PANEL, BACK (PANEL, BACK (D560)	:	* 5 * 5 * 5	A-4377-101-A	MAIN BOARD, COMPLETE (D56) MAIN BOARD, COMPLETE (N35) MAIN BOARD, COMPLETE (N35)	0:E2)
* 4 * 4 * 4	4-969-795-51	PANEL, BACK (I PANEL, BACK (I PANEL, BACK (I	N350:AEP1)		* 5 * 5	A-4377-475-A	MAIN BOARD, COMPLETE (N350 MAIN BOARD, COMPLETE (N350	OK:EA)
* 4 * 4	4-969-795-71	PANEL, BACK (I	N350:IT)		* 5 * 5 * 5	A-4377-629-A	MAIN BOARD, COMPLETE (N350 MAIN BOARD, COMPLETE (N350 MAIN BOARD, COMPLETE (N350	0:AEP1)
* 4 * 4 * 4	4-970-165-11 4-970-165-21	PANEL, BACK (1) PANEL, BACK (1) PANEL, BACK (1)	N350:MX) N350:E3, AR)		* 5 6	A-4377-812-A	MAIN BOARD, COMPLETE (N350 PLATE, ORNAMENTAL):IT)
* 4 * 4	4-970-165-31 4-970-165-41	PANEL, BACK (PANEL, BACK (PANEL)	N350:AUS) N350:PX)		7 8 9	1-690-113-11	CHASSIS, HOLDER WIRE, FLAT TYPE (15 CORE) WIRE, FLAT TYPE (11 CORE)	(N350K)
* 4 * 4 * 4	4-970-165-61	PANEL, BACK (N PANEL, BACK (N PANEL, BACK (N	N350K:E)		10 ∱S1911	1-769-665-11	WIRE (FLAT TYPE) (21 CORE) SWITCH, VOLTAGE CHANGE	/N350K:E, EA, SP)

7-2. FRONT PANEL SECTION



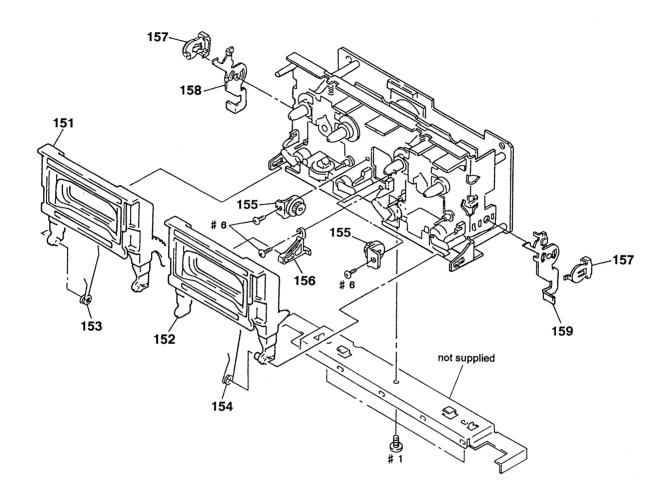
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51 52 53 54	X-4945-504-1 4-969-683-21	LID (A) ASSY, CASSETTE LID (B) ASSY, CASSETTE KNOB (V) DISPLAY (ST)		* 66 67 68	4-969-666-11	PANEL BOARD, COMPLETE (N350K) BUTTON (CURSOR 1) BUTTON (CURSOR 2)	
55		SCREW (2.6X8), +BVTP		69 70	X-4945-498-1 4-969-669-11	BUTTON (ST) ASSY BUTTON (TA)	
* 56 57 57	4-969-657-31	PANEL, FRONT (N350:CND, AEP, UK, G, IT) PANEL, FRONT (N350K)		71 72 73	4-969-705-11 X-4945-501-1	INDICATOR (TC) BUTTON (TC) ASSY BUTTON (CDM) ASSY	
57 57		PANEL, FRONT (N350:E, AUS, MX, AR, PX) PANEL, FRONT (D560)		74	4-970-720-01	BUTTON (DISC5-B)	G 7m)
58 * 59 * 60 61 62	4-949-935-21 4-969-681-11 4-969-695-11	BUTTON (POWER) CUSHION (FL) HOLDER, FL TUBE BUTTON (TIMER) INDICATOR (TA)		74 75 76 * 77	4-969-706-11 4-969-707-11	(D560/N350:CND, AEP, UK, BUTTON (DISC5-W) (N350:E, AUS, MX, AR, PX/N BUTTON (EJECT-L) BUTTON (EJECT-R) ECHO BOARD, COMPLETE (N350K)	
63	X-4945-500-1	BUTTON (PLAY) ASSY (D560/N350:CND, AEP, UK, AUS, PX, G, IT/N	1350K)	* 78 * 79		MIC BOARD (N350K) 5CD PANEL BOARD	
63 64 65 * 66	4-969-676-11 4-970-713-11	BUTTON (PLAY) ASSY (N350:E, MX, AR) BUTTON (KARAOKE) (N350K) INDICATOR (KARAOKE) (N350K) PANEL BOARD, COMPLETE (N350:AEP, UK,		* 80 * 81 82	4-955-744-01 1-654-659-11	KNOB (BA) (N350K) TC PANEL BOARD EMBLEM (5-A), SONY	
* 66 * 66	A-4377-094-A	PANEL BOARD, COMPLETE (D560/N350:CN PANEL BOARD, COMPLETE (N350:E, AUS, MX, A	ID)	83 FL601		WIRE, FLAT TYPE (15 CORE) INDICATOR TUBE, FLUORESCENT	

7-3. CHASSIS SECTION



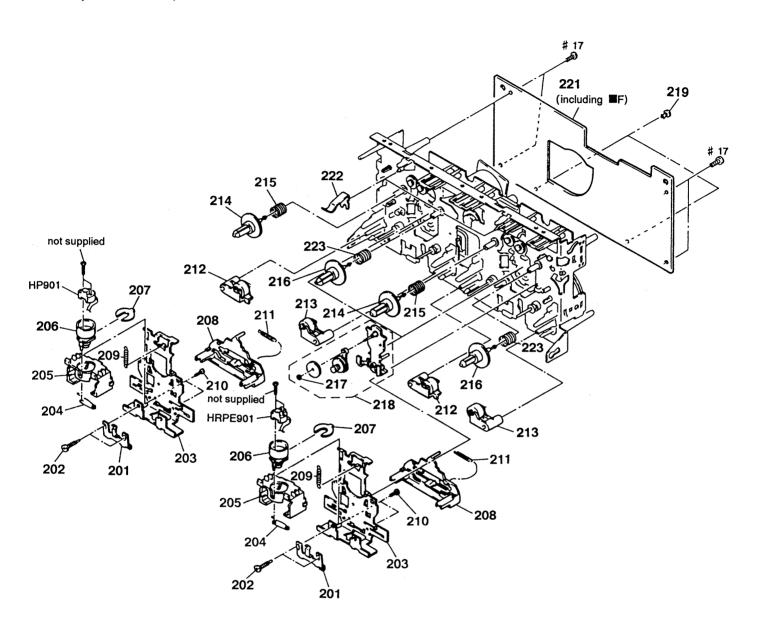
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 101 * 101	1-654-694-11 1-654-695-11	POWER PRIMARY BOARD (N350:AEP, UK, G POWER PRIMARY BOARD		1111	1-569-007-11	ADAPTER, CONVERSION 2P (N350:E3, PX/N350)	V.E2)
* 102	1-654-651-11			<u>↑112</u> 113	3-703-044-26	ADAPTER, CONVERSION 2P (N350K:EA, MY, LABEL, CAUTION (D560/N350:CND)	, SP)
* 102 103	1-654-654-11 4-928-635-11	(D560/N350:CND, E, AUS, MX, AR, PX/POWER BOARD (N350:AEP, UK, G, IT) SCREW, +BV (2.6X16) TAPPING (D560)		⚠CNP190 ⚠CNP190	11-558-943-41	CORD, POWER (N350:E, MX, PX/N350K:E) CORD, POWER (D560/N350:CND)	
104	1-533-217-31	HOLDER, FUSE		i	11-575-651-21	(N350: AEP, AR, G, IT/N350K · FA M)	Y. SP)
* 105 * 105		POWER AMP BOARD, COMPLETE (N350:AEP, UK POWER AMP BOARD, COMPLETE	, G, IT)	<u>∆</u> CNP190	11-751-529-11	CORD, POWER (N350:AUS) CORD, POWER (N350:UK)	, 01 /
* 105		POWER AMP BOARD, COMPLETE (D560/N35	0:CND)			FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N3 FUSE (T4A 250V) (N350:AEP, UK, G, IT)	350K)
106	3-703-571-11	(N350:E, AUS, MX, AR, PX/ BUSHING (S) (4516), CORD (N350:E, MX, PX/N35	,			FUSE (T5A 250V)	
* 106	3-703-244-00	BUSHING (2104), CORD		⚠ F1902 ⚠ F1903	1-532-350-00 1-576-108-11	(N350:E, AUS, MX, AR, PX/N3 FUSE (T4A 250V) (N350:AEP, UK, G, IT) FUSE (4A 125V) (D560/N350:CND)	350K)
* 107	(D560/N3) A-4378-088-A	50:CND, AEP, UK, AUS, AR, G, IT/N350K:EA, DBFB BOARD, COMPLETE (N350:E, AUS, MX, AR, PX/I		<u>1</u> T901 1 1901	1-427-707-21	TRANSFORMER, POWER (N350: AEP, UK, G, IT TRANSFORMER, POWER	
* 108		REGULATOR BOARD	Nooun)			(N350:E, AUS, MX, AR, PX/N3	50K)
* 109 110	4-943-997-31 4-937-945-01	CHASSIS PLATE (TRANSPORT), LOCK		<u>↑</u> T901 <u>↑</u> T901	1-427-710-11 1-427-711-11	TRANSFORMER, POWER (N350:CND) TRANSFORMER, POWER (D560)	

7-4. TC MECHANISM SECTION 1 (TCM-220 WR2)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151 152 153 154 155	X-4943-775-1 4-959-231-11	HOLDER (L) ASSY, CASSETTE HOLDER (R) ASSY, CASSETTE SPRING (L), TORSION SPRING (R), TORSION DAMPER		* 158	3-354-957-01 3-354-953-01	FULCRUM, HOLDER JOINT (LOCK LEVER) LEVER (LOCK LEVER L) LEVER (LOCK LEVER R)	

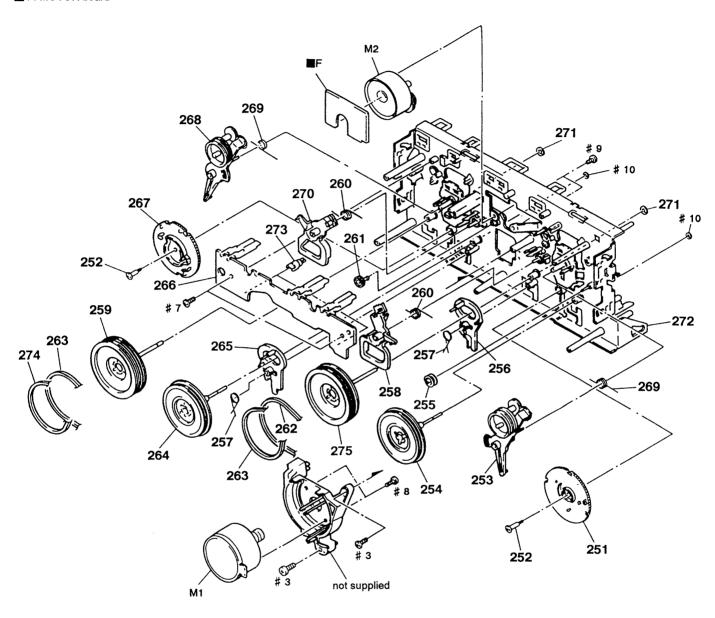
7-5. TC MECHANISM SECTION 2 (TCM-220 WR2)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201 202 * 203 204	3-919-684-01 X-3367-584-2	SPRING, AZIMUTH ADJUSTMENT SCREW, AZIMUTH ADJUSTMENT SLIDER (HEAD) ASSY SPRING, HEAD TOGGLE		213 214 215	3-908-613-01	PINCH LEVER (FWD) ASSY GEAR (S), REEL SPRING, COMPRESSION	
205		FITTING BLOCK, HEAD		216 217		REEL (T) ASSY WASHER (1.5), STOPPER	
206 * 207 208 209	3-908-559-01 3-908-555-01	ROTARY BLOCK, HEAD STOPPER, AZIMUTH SLIDER (REV SLIDER) SPRING, TENSION		218 219 * 221	X-3370-173-1 3-911-116-21	TU ASSY	
210		SCREW (P2X6) (B TIGHT)		222 223		DETENT, HALF SPRING, COMPRESSION	
211 212		SPRING, TENSION PINCH LEVER (REV) ASSY		HP901	1-500-093-11	HEAD, MAGNETIC (PLAYBACK) HEAD, MAGNETIC (REC/PB/ERASE)	

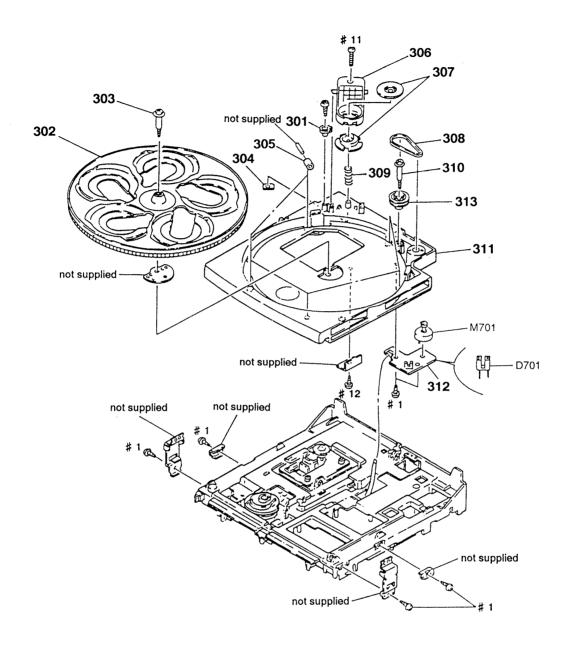
7-6. TC MECHANISM SECTION 3 (TCM-220 WR2)

F: MOTOR board



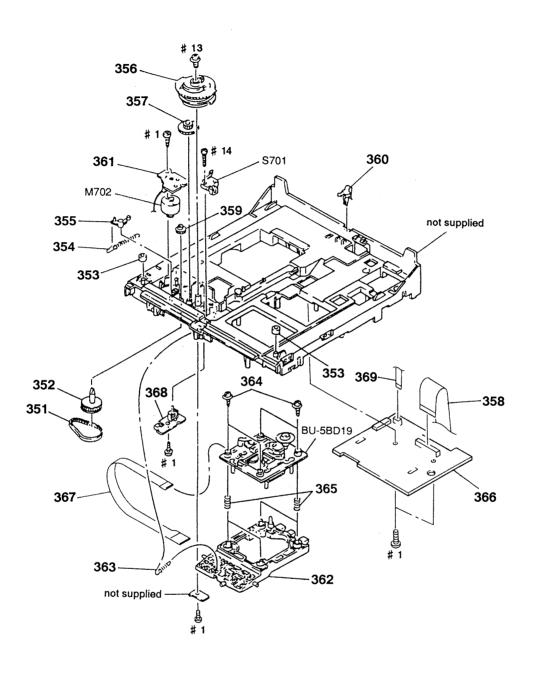
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251 252	3-908-597-01 3-908-608-01			265	3-908-600-01	LEVER (REV-B)	
253 254 255	X-3367-590-2 X-3370-169-1	ARM (A) ASSY, FR FLYWHEEL (AR) ASSY PULLEY, TENSION		* 266 267 268	3-908-598-01 X-3367-591-2	ARM (B) ASSY, FR	
256 257	3-908-601-01	LEVER (REV-A) SPRING (REV LEVER), TORSION		269 270	3-908-604-01	SPRING (FR), TORSION LEVER (TRIGGER B)	
258 259 260	X-3370-170-1	LEVER (TRIGGER A) FLYWHEEL (BF) ASSY SPRING (TRIGGER), TORSION		271 272 * 273	X-3367-587-1 3-381-776-01	WASHER, STOPPER CHASSIS ASSY, MECHANICAL HOLDER (LED)	
261 262	3-913-845-01			274 275	3-917-176-01 X-3370-172-1	BELT (B) FLYWHEEL (AF) ASSY	
263 264	3-913-846-01 X-3370-171-1	BELT (FR) FLYWHEEL (BR) ASSY		M1 M2		MOTOR ASSY (CAPSTAN) MOTOR ASSY (TRRIGER)	

7-7. TRAY SECTION



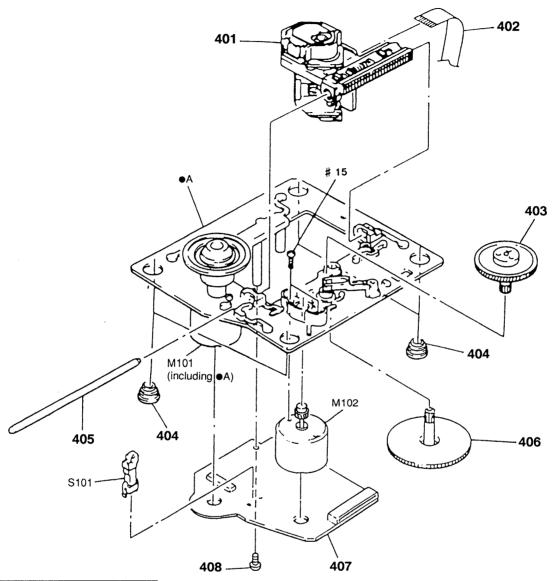
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 301 * 302 303	4-949-226-01 4-926-383-01 4-926-384-01	TABLE (B), DISK		309 310	4-926-395-01 4-923-597-01	SPRING, COMPRESSION SCREW, STEP	
* 304 305		BRACKET (ADJUSTMENT)		311 * 312 313		TABLE MOTOR BOARD	
* 306 * 307 308	4-930-506-02 1-452-538-11 4-926-399-01			D701 M701		DIODE GP-1A521 MOTOR ASSY, ROTARY (TABLE)	

7-8. CD CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
351 352 * 353 354 355	X-4941-529-1 4-951-619-01	CUSHION (A) SPRING (B), TENSION		* 362 363 364 365	4-937-911-01 4-933-134-01	BRACKET (BU) SPRING, TENSION SCREW (+PTPWH M2.6X6) SPRING (BU), COMPRESSION	
356 357 358 359 * 360 * 361	4-934-381-01 1-769-303-11 4-934-375-11 4-943-996-06	GEAR (LOADING A) GEAR (LOADING C) WIRE (FLAT TYPE) (29 CORE) GEAR (LOADING B) SPRING, LEAF LOADING MOTOR BOARD		* 366 367 * 368 369 M702 S701	1-654-751-11 1-638-731-11 1-590-849-11 A-4353-974-A	CD MAIN BOARD, COMPLETE FLEXIBLE BOARD OPEN/UP SW BOARD WIRE, FLAT TYPE (5 CORE) MOTOR ASSY, LOADING SWITCH, PUSH (WITH CONNECTOR) (DOWN)	

7-9. BASE UNIT SECTION (BU-5BD19)



The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque A sont critiques pour la

Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
401 402 403 404 405	1-769-069-11 4-917-567-21 4-951-940-01	OPTICAL PICK-UP BLOCK (KSS-213BA/S-WIRE (FLAT TYPE) (16 CORE) GEAR (M) INSULATOR (BU) SHAFT, SLED	N)	* 407 408 M101 M102	4-951-620-01 X-4917-523-4	BD BOARD, COMPLETE SCREW (2.6X8), +BVTP MOTOR ASSY (SPINDLE) MOTOR ASSY (SLED)	
406	4-917-564-01	GEAR (P), FLATNESS		S101	1-572-085-11	SWITCH, LEAF	

5CD PANEL

NOTE:

The components identified by mark A or dotted line with mark A are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque A sont critiques pour la

Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

SECTION 8 ELECTRICAL PARTS LIST

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor

METAL OXIDE: Metal Oxide-film resistor

F: nonflammable

• SEMICONDUCTORS

In each case, u: μ , for example: uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,

uPC...: μ PC..., uPD...: μ PD...

• CAPACITORS

 $uF : \mu F$

• COILS $uH : \mu H$

• Abbreviation CND : Canadian model

: German model G IT : Italian model : Saudi Arabia model EA MX : Mexican model SP Singapore model MY : Malaysia model **AUS** : Australian model : Argentine model AR

: E model with power source E2

for PS-LX56P

: E model without power source E3

for PS-LX56P

AEP1 : AEP model without power source

for PS-LX56P

AEP2 : AEP model with power source

for PS-LX56P

Ref. No.	Part No.	Description	Rem	ark	Ref. No.	Part No.	Description			Remark
*	1-654-658-11	5CD PANEL BO	DARD		R645	1-249-416-11	CARBON	820 5%	1/4W	F
		********			R646	1-249-418-11		1. 2K 5%	1/4₩	
					R647	1-249-420-11		1. 8K 5%	1/4W	_
		< DIODE >			R648	1-249-423-11		3. 3K 5%	1/4W	
					R649	1-249-427-11		6. 8K 5%	1/4W	_
D615	8-719-046-43	DIODE SELS	5421E-TP15 (CD)						-,	_
			(D560/N350:CND, AEP, UK, G,	(TI	R677	1-249-429-11	CARBON	10K 5%	1/4W	
D615	8-719-052-22	DIODE SELS	58420C-TP (CD)				(1)	1350:E, AUS,	MX, AR, P	X/N350K)
			(N350:E, AUS, MX, AR, PX/N35	0K)	R678	1-249-410-11		270 5%	1/4W	
D616	8-719-046-43	DIODE SEL5	5421E-TP15 (CD)		R679	1-249-410-11	CARBON	270 5%	1/4W	F
			(D560/N350:CND, AEP, UK, G,	IT)			(1)	1350:E, AUS,	MX, AR, P	X/N350K)
D616	8-719-052-22	DIODE SEL5	58420C-TP (CD)		R680	1-249-410-11	CARBON	270 5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N35)	0K)	R681	1-249-410-11		270 5%	1/4W	
				-			(N	1350:E, AUS,	MX, AR, P.	X/N350K)
D641	8-719-032-87	DIODE SEL5	5420S-TP (DISC 3)	I						
			(N350:E, AUS, MX, AR, PX/N350	0K)			< SWITCH >			
D642	8-719-032-87	DIODE SELS	6420S-TP (DISC 2)							
			(N350:E, AUS, MX, AR, PX/N350	0K)	S634		SWITCH, TACTILE			
D643	8-719-032-87	DIODE SELS	6420S-TP (DISC 1)	ļ	S635		SWITCH, TACTILE	,		
			(N350:E, AUS, MX, AR, PX/N350	0K)	S636		SWITCH, TACTILE			
D644	8-719-032-87	DIODE SEL5	6420S-TP (DISC 5)		S637		SWITCH, TACTILE		OSE 🛆)	
			(N350:E, AUS, MX, AR, PX/N350	0K)	S638	1-554-303-21	SWITCH, TACTILE	(DISC 3)		
D0.45	0 510 000 05	DIADD ONE	(D100 mp (D100 1)	ı	0000			· /======		
D645	8-719-032-87	DIODE SELS	420S-TP (DISC 4)	017)	S639		SWITCH, TACTILE			
			(N350:E, AUS, MX, AR, PX/N350	UK)	S640		SWITCH, TACTILE		· D)	
		/ TDANCICTOR		ı	S641	1-554-303-21	SWITCH, TACTILE	(DISC SK)	(P)	
		< TRANSISTOR	. /		****		& & & & & & & & & & & & & & & & & & &			de ale ale ale ale ale ale ale
Q605	8-729-900-63	TDANGISTOD	DTA124ES		****	****	*********	******	******	*****
Q606	8-729-119-78		2SC2785-HFE		*	A4672402A	BD BOARD, COMPL	DTD		
&000	0 123 113 10	TRANSTOTOR	(N350:E, AUS, MX, AR, PX/N350	ואט	•	N-4013-402-N	**********			
Q613	8-729-422-57	TRANSISTOR	UN4111)K)			*****	**		
Q 010	0 120 422 01	TRANSTOTOR	(N350:E, AUS, MX, AR, PX/N350	ואר			< CAPACITOR >			
Q614	8-729-900-80	TRANSISTOR	DTC114ES)II)			CALACTION >			
4011	0 120 000 00	THIMBIOTOR	(N350:E, AUS, MX, AR, PX/N350	nk)	C101	1-126-607-11	FIECT CHIP	47uF	20%	4 V
			(1100012) 1100, 1111, 111, 111, 11000		C102		CERAMIC CHIP	0.001uF	5%	50V
		< RESISTOR >			C102		CERAMIC CHIP	luF	570	16V
				ļ	C105		CERAMIC CHIP	0. luF		25V
R551	1-249-403-11	CARBON	68 5% 1/4W F		C106		CERAMIC CHIP	0. 0022uF	5%	50V
			(N350:E, AUS, MX, AR, PX/N350	_{0K)} [0100	. 101 000 11	Cammio Omi	o. 002241	570	001
R552	1-247-811-31	CARBON	150 5% 1/4W	~	C107	1-164-695-11	CERAMIC CHIP	0. 0022uF	5%	50V
			(N350:E, AUS, MX, AR, PX/N350)к) Т	C108		CERAMIC CHIP	0. 0022df	0.0	50V
R642	1-249-411-11	CARBON	330 5% 1/4W		C109		CERAMIC CHIP	0. 01uF		50V
R643	1-249-413-11		470 5% 1/4W F	ŀ	C110		CERAMIC CHIP	0. 033uF	10%	25V
R644	1-249-414-11	CARBON	560 5% 1/4W F	J	C111	1-163-038-91	CERAMIC CHIP	0. 1uF		25V
				,						



Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C112		CERAMIC CHIP	0. 1uF		25V	M102	X-4917-504-1	MOTOR ASSY ((SLED)		
C113		CERAMIC CHIP	0. 0022uF	5%	50V						
C114		CERAMIC CHIP	0. 47uF		25V			< TRANSISTOR	? >		
C115	1-126-607-11		47uF	20%	4V						
C116	1-163-143-00	CERAMIC CHIP	0. 0012uF	5%	50V	Q101	8-729-010-08		MSB710-R	T1	
0117	1 104 005 11	CEDANIC CITE	0 4715		0.517	Q102	8-729-424-08		UN2111		
C117		CERAMIC CHIP	0. 47uF		25V	Q103	8-729-421-22	IKANSISIUR	UN2211		
C118		CERAMIC CHIP CERAMIC CHIP	0. 1uF		25V 25V			< RESISTOR >			
C119 C120		TANTALUM CHIP	0. 1uF 10uF	20%	4V			(RESISION)			
C120		CERAMIC CHIP	0. 1uF	20%	25V	R102	1-216-001-00	METAL CUID	10	5%	1/10W
C121	1 103 036 31	CDIMINIC CITT	o. rur		201	R102	1-216-049-00		16 1K	5%	1/10W
C122	1-164-232-11	CERAMIC CHIP	0.01uF		50V	R104	1-216-097-00		100K		1/10W
C123		CERAMIC CHIP	0. 1uF		25V	R105	1-216-089-00		47K	5%	1/10W
C124	1-126-607-11		47uF	20%	4V	R106	1-216-089-00		47K	5%	1/10W
C125		CERAMIC CHIP	0. 01uF	20%	50V	11100	1 210 000 00	MDIND CITT	4111	J/10	1/10#
C126		CERAMIC CHIP	0. 1uF		25V	R107	1-216-089-00	METAL CHIP	47K	5%	1/10W
0110	1 100 000 01	02	******		-0.	R108	1-216-089-00		47K	5%	1/10W
C127	1-164-695-11	CERAMIC CHIP	0. 0022uF	5%	50V	R109	1-216-097-00		100K	5%	1/10W
C128		CERAMIC CHIP	560PF	5%	50V	R112	1-216-077-00		15K	5%	1/10W
C129		CERAMIC CHIP	0. 1uF	0.0	25V	R113	1-216-077-00		15K	5%	1/10W
C130		CERAMIC CHIP	0. 33uF		25V					0.0	-, -0"
C131		CERAMIC CHIP	0. 1uF		25V	R114	1-216-101-00	METAL CHIP	150K	5%	1/10W
						R115	1-216-101-00		150K		1/10W
C132	1-163-037-11	CERAMIC CHIP	0. 022uF	10%	25V	R116	1-216-061-00		3. 3K		1/10W
C133		CERAMIC CHIP	0.0015uF	5%	50V	R117	1-216-093-00		68K	5%	1/10W
C134		CERAMIC CHIP	luF		16V	R118	1-216-049-00		1K	5%	1/10W
C135		CERAMIC CHIP	100PF	5%	50V						-,
C136		CERAMIC CHIP	0. 47uF		25V	R119	1-216-121-00	METAL CHIP	1M	5%	1/10W
						R120	1-216-089-00	METAL CHIP	47K	5%	1/10W
C137	1-164-232-11	CERAMIC CHIP	0.01uF		50V	R121	1-216-114-00	METAL GLAZE	510K		1/10W
C139	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	R122	1-216-097-00		100K		1/10W
C140	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	R123	1-216-099-00	METAL CHIP	120K		1/10W
C141	1-163-038-91	CERAMIC CHIP	0. 1uF		25V						
C142	1-163-038-91	CERAMIC CHIP	0. 1uF		25V	R124	1-216-091-00	METAL CHIP	56K	5%	1/10W
						R125	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
C145	1-135-201-11	TANTALUM CHIP	10uF	20%	4V	R126	1-216-063-00		3.9K	5%	1/10W
C146		TANTALUM CHIP	10uF	20%	4V	R127	1-216-089-00		47K	5%	1/10W
C147		CERAMIC CHIP	0.001uF	5%	50V	R128	1-216-105-91	METAL GLAZE	220K	5%	1/10W
C148		CERAMIC CHIP	0. 001uF	5%	50V						
C149	1-164-346-11	CERAMIC CHIP	1uF		16V	R129	1-216-049-00		1K	5%	1/10W
C1 F 0	1 105 050 11	TANTAL CULD	10E	000	,,	R130	1-216-079-00		18K	5%	1/10W
C153		TANTAL. CHIP	10uF	20%	6. 3V	R131	1-216-079-00		18K	5%	1/10W
C154	1-163-235-11	CERAMIC CHIP	22PF	5%	50V		1-216-061-00		3. 3K		1/10W
		/ CONNECTOR >				R133	1-216-061-00	METAL CHIP	3. 3K	5%	1/10W
		< CONNECTOR >				D104	1 010 005 00	METAL CULD	4 777	E0/	1 /10#
CMIIIOI	1_770_014_11	CONNECTOR, FFC/	EDC 160			R134 R135	1-216-065-00		4. 7K		1/10W
		CONNECTOR, FFC/I				R135	1-216-065-00		4. 7K		1/10₩
CNUTUZ	, 1-770-013-11	COMMECTOR, FFC/1	110 131			R137	1-216-073-00 1-216-065-00		10K 4.7K	5% 5%	1/10W
		< IC >				R138	1-216-049-00		4. 7K	5%	1/10W
		. 10 /				11100	1 410 045-00	meine Citt	11/	J/0	1/10W
IC101	8-752-069-56	IC CXA1782BQ				R139	1-216-033-00	METAL CHIP	220	5%	1/10W
	8-759-291-06	•	l			R140	1-216-081-00		22K	5%	1/10W
	8-752-372-94					R141	1-216-061-00		3. 3K	5%	1/10W
	8-759-185-29	•	Γ1			R142	1-216-061-00			5%	1/10W
						R143	1-216-121-00		1M	5%	1/10W
		< MOTOR >									
						R144	1-216-073-00	METAL CHIP	10K	5%	1/10W
M101	X-4917-523-4	MOTOR ASSY (SPI	NDLE)		1	R145	1-216-097-00	METAL CHIP	100K	5%	1/10₩

BD CD MAIN DBFB

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
D146	1-216-097-00	METAL CUID	1000 5	V 1/10							***************************************
R146 R147	1-216-049-00		100K 55					< DIODE >			
R148	1-216-049-00		1K 59			D301			SB		
D140	1 216 040 00	METAL CUID	1V 50	V 1/10	au	i .	8-719-024-99				
R149 R150	1-216-049-00 1-216-037-00		1K 59			1	8-719-024-99 8-719-024-99				
R151	1-216-037-00		330 5			21101	0 110 021 00	21000 1	11122		
R152	1-216-037-00		330 5					< IC >			
R153	1-216-089-00	METAL CHIP	47K 59	K 1/10	Y	10201	8-759-172-31	IC BA6191			
R154	1-216-065-00	METAL CHIP	4.7K 5	K 1/10	W		8-759-604-30				
R156	1-216-081-00		22K 5								
R157	1-216-069-00		6. 8K 59					< COIL >			
R158	1-216-001-00	MEIAL CHIP	10 59	K 1/10	W	L301	1-410-322-11	INDUCTOR	3. 3uH		
		< VARIABLE RESI	STOR >			L302	1-410-322-11		3. 3uH		
		RES, ADJ, METAL RES, ADJ, METAL						< RESISTOR >			
		RES, ADJ, METAL				R301	1-249-423-11	CARBON	3. 3K	5% 1/	/4W F
						R302	1-249-424-11		3. 9K		/4W F
		< SWITCH >				R303	1-249-415-11				/4W F
S101	1-572-085-11	SWITCH, LEAF (L	IMIT)			R304 R305	1-247-834-11 1-249-421-11		1. 3K 2. 2K		/4W /4W F
5101	1 3/2 003 11	Officit, EDAT (L	11111/			1.005	1 243 421 11	CARDON	2. 2N	J/0 1/	44 L
		< VIBRATOR >				R306	1-249-421-11		2. 2K		/4W F
X101	1-579-280-11	VIBRATOR, CRYST	AL (16 9	RAAMHa)		R307 R308	1-249-415-11 1-249-415-11				/4W F /4W F
	1 0.0 200 11	Thursday Childs	(10.0	, 1 1			1 210 110 11	CAMBON	000	0,0 1,	411 1
*****	*****	******	*******		*****	******	******	*******	*****	******	
*****		******	*******	•					****	*****	*****
*		CD MAIN BOARD,	COMPLETE	· * * * * * * * * * * * * * * * * * * *	,,,,,,,,,	*		DBFB BOARD, COM		****	****
			COMPLETE	*********				DBFB BOARD, COM	PLETE ****		
		CD MAIN BOARD,	COMPLETE	**************************************				DBFB BOARD, COM	PLETE ****		R, PX/N350K)
*	A-4377-086-A	CD MAIN BOARD, ************************************	COMPLETE ******					DBFB BOARD, COM	PLETE ****		
* C301	A-4377-086-A 1-124-480-11	CD MAIN BOARD, ************ < CAPACITOR > ELECT	COMPLETE ****** 470uF	20%	25V			DBFB BOARD, COM ************************************	PLETE ****		
*	A-4377-086-A	CD MAIN BOARD, ********** < CAPACITOR > ELECT ELECT	COMPLETE ******					DBFB BOARD, COM	PLETE ****		
* C301 C302 C303 C304	A-4377-086-A 1-124-480-11 1-124-907-11	CD MAIN BOARD, ********** < CAPACITOR > ELECT ELECT ELECT ELECT	COMPLETE ******* 470uF 10uF	20% 20%	25V 50V	* C2101	A-4378-088-A 1-124-925-11	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT	PLETE ****		
* C301 C302 C303	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11	CD MAIN BOARD, ********* < CAPACITOR > ELECT ELECT ELECT ELECT CERAMIC	COMPLETE ******** 470uF 10uF 10uF	20% 20%	25V 50V 50V	C2101 C2102	A-4378-088-A 1-124-925-11 1-136-165-00	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM	PLETE ***** 350:E, A 2. 2uF 0. 1uF	US, MX, AF 20% 5%	R, PX/N350K) 100V 50V
* C301 C302 C303 C304 C305	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11	CD MAIN BOARD, ********** < CAPACITOR > ELECT ELECT ELECT ELECT CERAMIC CERAMIC	470uF 10uF 10uF 0. 1uF 0. 1uF	20% 20%	25V 50V 50V 50V 50V	C2101 C2102 C2103	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00	DBFB BOARD, COM ************ (N < CAPACITOR > ELECT FILM FILM	PLETE ***** 350:E, A 2. 2uF 0. 1uF 0. 1uF	US, MX, AF 20% 5% 5%	100V 50V 50V
* C301 C302 C303 C304	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC	COMPLETE ******** 470uF 10uF 10uF 0.1uF	20% 20%	25V 50V 50V 50V	C2101 C2102 C2103 C2131	A-4378-088-A 1-124-925-11 1-136-165-00	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM FILM ELECT	PLETE ***** 350:E, A 2. 2uF 0. 1uF	US, MX, AF 20% 5%	R, PX/N350K) 100V 50V
* C301 C302 C303 C304 C305 C306 C307 C308	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF	20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 50V 50V 25V 25V	C2101 C2102 C2103 C2131 C2132	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00 1-126-101-11 1-126-101-11	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT	PLETE ***** 350:E, A 2. 2uF 0. 1uF 0. 1uF 100uF	20% 5% 5% 20% 20%	100V 50V 50V 16V 16V
* C301 C302 C303 C304 C305 C306 C307 C308 C309	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF	20% 20% 20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 50V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00 1-126-101-11 1-126-101-11	DBFB BOARD, COM ************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT	PLETE ***** 350:E, A 2. 2uF 0. 1uF 0. 1uF 100uF 100uF	20% 5% 5% 20% 20% 20%	100V 50V 50V 16V 16V 50V
* C301 C302 C303 C304 C305 C306 C307 C308	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF	20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 50V 50V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2133 C2151	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00 1-126-101-11 1-126-101-11	DBFB BOARD, COM *************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT ELECT	PLETE ***** 350:E, A 2. 2uF 0. 1uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF	20% 5% 5% 20% 20% 20% 20%	100V 50V 50V 16V 16V 50V 10V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11	CD MAIN BOARD, ********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 47uF	20% 20% 20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V	* C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM	PLETE ***** 350:E, A 2. 2uF 0. 1uF 0. 1uF 100uF 100uF	20% 5% 5% 20% 20% 20%	100V 50V 50V 16V 16V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-37-368-11	CD MAIN BOARD, ********* < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 1uF 0. 0. 1uF	20% 20% 20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V	* C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152	A-4378-088-A 1-124-925-11 1-136-165-00 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM FILM FILM	PLETE ****** 350:E, A 2. 2uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-368-11 1-137-368-11	CD MAIN BOARD, ********* < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 1uF 0. 0047uF 0. 0047uF	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	* C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152	A-4378-088-A 1-124-925-11 1-136-165-00 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00	DBFB BOARD, COM ************* (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM	PLETE ****** 350:E, A 2. 2uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-37-368-11	CD MAIN BOARD, ********* < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 1uF 0. 0. 1uF	20% 20% 20% 20% 20% 20% 20%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152 C2153	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-01 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00	DBFB BOARD, COM ***************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM FILM CONNECTOR > PLUG, CONNECTOR	PLETE ****** 350:E, A' 2. 2uF 0. 1uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-368-11 1-137-368-11	CD MAIN BOARD, ********* < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 1uF 0. 0047uF 0. 0047uF	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152 C2153	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-01 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00	DBFB BOARD, COM ************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM FILM FILM CONNECTOR >	PLETE ****** 350:E, A' 2. 2uF 0. 1uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C321	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-137-368-11 1-137-368-11 1-137-368-11 1-124-907-11	CD MAIN BOARD, ********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CONNECTOR >	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 1uF 0. 0047uI 0. 0047uI	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152 C2153	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-01 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00	DBFB BOARD, COM ****************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM FILM < CONNECTOR > PLUG, CONNECTOR PLUG, CONNECTOR	PLETE ****** 350:E, A' 2. 2uF 0. 1uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C321	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-907-11 1-568-862-11 1-770-064-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CONNECTOR > SOCKET, CONNECTOR SOCKET, CONNECTOR SOCKET, CONNECTOR CONNECTOR, FFC/	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 0047uF 10uF 0. 0047uF 0. 0047uF 0. 0047uF 0. 0047uF	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2133 C2151 C2152 C2153	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-01 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00	DBFB BOARD, COM ***************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT ELECT FILM FILM CONNECTOR > PLUG, CONNECTOR	PLETE ****** 350:E, A' 2. 2uF 0. 1uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C321 * CN301 CN302 * CN303	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-137-368-11 1-137-368-11 1-137-368-11 1-124-907-11 1-568-862-11 1-770-064-11 1-568-943-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT CERAMIC CONNECTOR > SOCKET, CONNECTOR PIN, CONNECTOR	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 0047uF 10uF 0. 0047uF 0. 0047uF 0. 0047uF 0. 0047uF	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	* C2101 C2102 C2103 C2131 C2132 C2151 C2152 C2153 CN2101 CN2102	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-00 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00 1-564-506-11 1-564-511-11	DBFB BOARD, COM ****************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT FILM FILM < CONNECTOR > PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR < DIODE > DIODE 1N4148M	PLETE ***** 350:E, A 2. 2uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V
* C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C321 * CN301 CN302 * CN303	A-4377-086-A 1-124-480-11 1-124-907-11 1-124-907-11 1-164-159-11 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11 1-137-368-11 1-137-368-11 1-137-368-11 1-124-907-11 1-568-862-11 1-770-064-11 1-568-943-11	CD MAIN BOARD, *********** < CAPACITOR > ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CONNECTOR > SOCKET, CONNECTOR SOCKET, CONNECTOR SOCKET, CONNECTOR CONNECTOR, FFC/	470uF 10uF 10uF 10uF 0. 1uF 0. 1uF 47uF 47uF 47uF 47uF 0. 0047uF 10uF 0. 0047uF 0. 0047uF 0. 0047uF 0. 0047uF	20% 20% 20% 20% 20% 20% 20% 5%	25V 50V 50V 50V 50V 25V 25V 25V 25V 25V 25V 25V	C2101 C2102 C2103 C2131 C2132 C2151 C2152 C2153 CN2101 CN2102	A-4378-088-A 1-124-925-11 1-136-165-00 1-136-165-01 1-126-101-11 1-126-101-11 1-124-463-00 1-124-925-11 1-136-165-00 1-136-165-00 1-564-506-11 1-564-511-11	DBFB BOARD, COM ***************** (N < CAPACITOR > ELECT FILM FILM ELECT ELECT ELECT FILM FILM < CONNECTOR > PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR < DIODE > DIODE 1N4148M DIODE HZS7B2L	PLETE ***** 350:E, A 2. 2uF 0. 1uF 100uF 100uF 0. 1uF 2. 2uF 0. 1uF 0. 1uF	20% 5% 5% 20% 20% 20% 20% 5%	100V 50V 50V 16V 16V 10V 50V

DBFB ECHO

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description			Remark
		< IC >						1-124-477-11		47uF	20%	25V
IC2101	8-759-634-51	IC M5218AP						1-130-493-00 1-162-305-11		0. 068uF 0. 0068uF	5% 20%	50V 16V
		< TRANSISTOR	,				C1614	1-130-480-00	MYLAR	0.0056uF	5%	50V
								1-124-903-11		1uF	20%	50V
•	8-729-119-78 8-729-119-78		2SC2785-I				1	1-162-302-11 1-124-903-11		0. 0022uF 1uF	20% 20%	16V 50V
•	8-729-119-78		2SC2785-I					1-162-282-31		100PF	10%	50V
	8-729-119-78		2SC2785-I					1-162-282-31		100PF	10%	50V
		< RESISTOR >					C1645	1-130-490-11	MYLAR	0. 039uF	5%	50V
								1-124-925-11		2. 2uF	20%	100V
	1-249-437-11		47K		1/4W		•	1-162-290-31		470PF	10%	50V
	1-247-807-31 1-249-429-11		100 10K	5% 5%	1/4W 1/4W		C1002	1-162-290-31	CERAMIC	470PF	10%	50V
R2104	1-249-433-11	CARBON	22K	5%	1/4W				< DIODE >			
R2105	1-247-903-00	CARBON	1M	5%	1/4W		D1601	8-719-987-63	DIODE 1N4148M			
R2106	1-249-419-11	CARBON	1.5K	5%	1/4W	F	51001		21022 211121014			
	1-247-895-00		470K		1/4W				< IC >			
	1-249-429-11		10K	5%	1/4W	_		0 750 004 75	10 1050.100			
	1-249-427-11 1-249-427-11		6. 8K 6. 8K		1/4W 1/4W			8-759-264-75 8-759-634-51	IC M65843P			
N2132	1-243-421-11	CARDON	0. on	J /0	1/411	r	101002	0 100 004-01	IC MUZIONI			
	1-249-429-11		10K	5%	1/4W				< COIT >			
	1-249-429-11			5%	1/4₩	Б.	11001	1 410 501 11	TAIDUOTOD	100 11		
	1-249-413-11 1-249-441-11		470 100K	5% 5%	1/4W 1/4W	r	F1001	1-410-521-11	INDUCTOR	100uH		
	1-247-903-00		1M	5%	1/4W				< RESISTOR >			
D2151	1-249-437-11	CADRON	47K	5%	1/4W		P1601	1-247-903-00	CAPRON	1M 5%	1/4W	
	1-247-807-31		100	5%	1/4W		1	1-249-431-11		15K 5%		
	1-249-429-11		10K	5%	1/4W			1-249-431-11		15K 5%		
	1-249-433-11		22K	5%	1/4W			1-249-431-11		15K 5%	1/4W	
R2155	1-247-903-00	CARBON	1M	5%	1/4W		R1605	1-249-429-11	CARBON	10K 5%	1/4W	
R2156	1-249-419-11	CARBON	1.5K	5%	1/4W	F	R1606	1-249-433-11	CARBON	22K 5%	1/4W	
	1-247-895-00		470K		1/4W		l .	1-249-431-11		15K 5%		
R2158	1-249-429-11	CARBON	10K	5%	1/4W			1-249-429-11		10K 5%		
******	******	******	k******	****	******	*****	K1609	1-249-431-11	CARBON	15K 5%	1/4W	
							R1611	1-249-398-11	CARBON	27 5%	1/4W	F
*	A-4377-133-A	ECHO BOARD, (COMPLETE	(N35	OK)		R1643	1-249-429-11	CARBON	10K 5%	1/4W	
		*******	*****		*			1-249-431-11		15K 5%	1/4W	
		< CAPACITOR :					1	1-249-437-11 1-249-417-11		47K 5% 1K 5%	1/4W 1/4W	
		Chi horron					K1040	1-245-411-11	CARDON	11 2/0	1/41	r
	1-124-925-11		2. 2uF		20%	100V	1	1-249-434-11		27K 5%	1/4W	
	1-124-443-00		100uF		20%	10V	R1681	1-249-427-11	CARBON	6.8K 5%	1/4W	F
	1-164-159-11 1-161-494-00		0. 1uF 0. 022ı			50V 25V			< VARIABLE RESIS	STOD \		
			0. 0220	41		201			VARIABLE RESTA)10K /		
	1-124-903-11		luF		20%	50V			RES, VAR, CARBOI			
	1-130-475-00 1-162-302-11		0. 0022		5% 20%	50V	RV1602	1-241-903-11	RES, VAR, CARBOI	N 50K		
	1-182-302-11		0. 0022		20% 5%	16V 50V			< VIBRATOR >			
	1-136-165-00		0. 1uF		5%	50V			· TIDIUITOR /			
							X1601	1-527-978-00	OSCILLATOR, CER	AMIC		
C1610	1-136-165-00	FILM	0. 1uF		5%	50V	l					

H. P. KEY CON

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description				Remark
*****	******	******	*******	*****	*****	IC1404	8-759-260-30	IC M65840SE	•			
*	1-654-657-11	H. P. BOARD *******						< COIL >				
		< CAPACITOR >				L1401	1-410-521-11	INDUCTOR	100uH			
C1706	1-162-282-31	CERAMIC	100PF	10%	50V			< TRANSISTOR	>			
C1707	1-162-282-31		100PF	10%	50V	-	8-729-900-80 8-729-900-80		DTC114ES DTC114ES			
		< CONNECTOR >						< RESISTOR >				
* CN1205	1-568-954-11	PIN, CONNECTOR	5P			P1401	1-249-441-11	CARRON	100K	E9/	1/4W	
		< JACK >				R1402	1-249-441-11 1-249-435-11	CARBON	100K 100K 33K		1/4W 1/4W	
J1201	1-569-113-11	JACK, LARGE TYP	E (HEADPHO	ONES)		R1404	1-249-435-11 1-249-435-11	CARBON	33K 33K	5% 5%	1/4W 1/4W	
*****	******	******	******	******	******						·	
*	A-4377-135-A	KEY CON BOARD,	COMPLETE ((N350K)			1-249-433-11 1-249-433-11		22K 22K	5% 5%	1/4W 1/4W	
•	1011 100 11	*******		(1100011)			1-249-433-11		22K	5%	1/4W	
							1-249-433-11		22K	5%	1/4W	
		< CAPACITOR >				R1410	1-249-429-11	CARBON	10K	5%	1/4W	
	1-130-491-00		0. 047uF	5%	50V	R1411	1-247-903-00	CARBON	1M	5%	1/4W	
	1-124-907-11		10uF	20%	50V		1-249-433-11		22K		1/4W	
	1-124-907-11		10uF	20%	50V		1-249-433-11		22K	5%	1/4W	
	1-124-907-11		10uF	20%	50V		1-249-441-11		100K		1/4W	
C1405	1-124-907-11	ELECT	10uF	20%	50V	R1416	1-249-441-11	CARBON	100K	5%	1/4W	
C1406	1-124-907-11	ELECT	10uF	20%	50V	R1417	1-249-429-11	CARBON	10K	5%	1/4W	
C1431	1-130-493-00	MYLAR	0.068uF	5%	50V		1-249-417-11		1K	5%	1/4W	F
	1-130-493-00		0.068uF	5%	50V	R1422	1-249-429-11	CARBON	10K	5%	1/4W	
	1-130-493-00		0.068uF	5%	50V		1-249-417-11		1K	5%	1/4W	F
C1434	1-162-211-31	CERAMIC	33PF	5%	50V	R1424	1-249-429-11	CARBON	10K	5%	1/4W	
C1435	1-162-211-31	CERAMIC	33PF	5%	50V	R1431	1-259-884-11	CARBON	4.7M	5%	1/4W	
	1-124-126-00		47uF	20%	10V		1-247-903-00		1M	5%	1/4W	
	1-164-159-11		0. 1uF		50V		1-247-807-31		100	5%	1/4W	
	1-124-443-00		100uF	20%	10V		1-247-807-31		100	5%	1/4₩	
C1439	1-124-907-11	ELECT	10uF	20%	50V	R1438.	1-247-807-31	CARBON	100	5%	1/4W	
C1448	1-124-907-11	ELECT	10uF	20%	50V	R1448	1-249-429-11	CARBON	10K	5%	1/4W	
C1461	1-162-294-31	CERAMIC	0.001uF	10%	50V	R1449	1-249-429-11	CARBON	10K	5%	1/4W	
	1-162-306-11		0.01uF	20%	16V		1-249-441-11		100K	5%	1/4W	
	1-162-600-11		0.0047uF	20%	16V		1-249-429-11		10K	5%	1/4W	
C1467	1-162-291-31	CERAMIC	560PF	10%	50V	R1452	1-249-425-11	CARBON	4. 7K	5%	1/4W	F
C1468	1-162-290-31	CERAMIC	470PF	10%	50V		1-249-429-11		10K	5%	1/4W	
							1-249-424-11		3.9K	5%	1/4W	F
		< CONNECTOR >			1		1-249-431-11		15K	5%	1/4W	
+ CN1401	1_560_00411	COCKET CONNECTO	ום ובה				1-249-429-11		10K	5%	1/4W	
↑ CN1401	1-300-634-11	SOCKET, CONNECTO	N 151		[K146U	1-249-433-11	CARBON	22K	5%	1/4₩	
		< IC >						< VIBRATOR >				
	8-759-634-51					X1101	1-567-927-11	VIBLATOR, CER	AMIC			
	8-759-634-51											
101403	8-759-140-53	IC uPD4053BC			1	******	*********	******	*******	****	*****	*****

LEAF SWITCH LOADING MOTOR MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description			Remark
*	1-650-669-11	LEAF SWITCH BOARD		*	A-4377-060-A	MAIN BOARD, COMI			,
*	3-381-776-01	HOLDER (LED)		*	A-4377-087-A	MAIN BOARD, COMI	•		
* CN1001	I 1-568-854-11	< CONNECTOR > SOCKET, CONNECTOR 11P		*	A-4377-101-A	MAIN BOARD, COMI	•		
* 01100	1 000 004 11	< TRANSISTOR >		*	A-4377-123-A	MAIN BOARD, COM	PLETE (N350	K:E3, N	
	8-719-710-02 8-719-710-02	TRANSISTOR PHOTO REFLECTOR NJL. TRANSISTOR PHOTO REFLECTOR NJL.		*	A-4377-475-A	MAIN BOARD, COMI	PLETE (N350	K:EA)	*****
		< RESISTOR >		*	A-4377-629-A	**************************************	PLETE (N350	:AEP1)	
R1002	1-249-412-11 1-249-412-11 1-249-414-11	CARBON 390 5% 1/4W	F	*	A-4377-625-A	**************************************			
R1004	1-247-834-11 1-247-818-11	CARBON 1.3K 5% 1/4W				******	*******	*****	
		< SWITCH >		*	A-4311-621-A	MAIN BOARD, COME		,	
S1002	1-692-832-11	SWITCH, PUSH (1 KEY) (A PLAY) SWITCH, PUSH (1 KEY) (B PLAY) SWITCH, LEAF (A HALF)		*	A-4377-809-A	MAIN BOARD, COME	•	- /	
S1004	1-571-281-21	SWITCH, LEAF (A CrO2) SWITCH, LEAF (REC A)		*	A-4377-812-A	MAIN BOARD, COME **********	-		
S1008	1-571-281-21	SWITCH, LEAF (B HALF) SWITCH, LEAF (B CrO2)				< CAPACITOR >			
		SWITCH, LEAF (REC B) ************************************	*****	C1 C2	1-162-306-11 1-124-477-11		47uF	30% 20% E, AUS,	16V 25V MX, AR, PX
*	1-639-288-11	LOADING MOTOR BOARD		C2	1-126-101-11	/N350K:E3, N ELECT	100uF	20% G IT/N	16V 1350K:EA)
		< CAPACITOR >		C3 C4	1-162-306-11 1-162-306-11		0. 01uF 0. 01uF	30% 30%	16V 16V
C705	1-162-302-11		16V	C5	1-162-306-11	, , , ,		30%	16V
M702	A-4353-974-A	< MOTOR > MOTOR ASSY (LOADING)		C6	1-162-306-11	(N350: AEP, UK, E, CERAMIC (N350: AEP, UK, E,	0.01uF	30%	16V
		*********	*****	C7 C8	1-162-306-11 1-162-306-11	CERAMIC CERAMIC	0. 01uF 0. 01uF	30% 30%	16V 16V
				C9	1-124-907-11 (D56	D/N350:CND, E, AUS,		20% 350K:E	50V 23, MY, SP)
				C9	1-162-306-11			-	16V I350K:EA)
				C11 C12	1-162-306-11 1-124-120-11		220uF	30% 20% G, IT/N	16V 25V I350K:EA)
				C12	1-124-477-11	ELECT (D560/N350:C /N350K:E3, N	47uF CND, AEP, UK,	20%	25V
				C13	1-162-306-11			30%	16V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C14 C15	1-162-306-11 1-164-159-11		0. 01uF 0. 1uF	30%	16V 50V	C48	1-164-159-11	CERAMIC	0. 1uF		50V (N350K:EA)
C16	1-124-907-11		10uF	20%	50V	C49	1-162-306-11	CERAMIC	0. 01uF	30%	16V
C17	1-124-902-00	ELECT	0. 47uF	20%	50V						(N350K:EA)
C18	1-124-903-11		luF	20%	50V	C51	1-164-031-11	CERAMIC	33PF	5%	50V
						C52	1-164-027-11	CERAMIC	22PF	5%	50V
C19	1-124-903-11		1uF	20%	50V						
C20	1-124-907-11		10uF	20%	50V	C53	1-162-306-11		0. 01uF	30%	16V
C21	1-124-907-11		10uF	20%	50V	C54	1-124-477-11		47uF	20%	25V
C22	1-124-907-11		10uF	20%	50V	C55	1-162-306-11		0. 01uF	30%	16V
C23	1-124-907-11	ELECT	10uF	20%	50V	C56	1-162-306-11		0. 01uF	30%	16V
00.4	1 107 400 11	DILM	0 0000 0	50 /	F011	C57	1-162-306-11	CERAMIC	0. 01uF	30%	16V
C24	1-137-436-11		0.0039uF		50V	050	. 1 100 000 11	00011170		000	
COF	1 107 400 11		560/N350:CI			C58	1-162-306-11		0.01uF	30%	16V
C25	1-137-436-11		0.0039uF		50V	C61	1-124-925-11		2. 2uF	20%	100V
COC	1 126 150 00		560/N350:CI 0. 027uF	ND, AEP, (5%		C62	1-164-159-11		0. 1uF	0.00/	50V
C26	1-136-158-00		u. uz tur , UK, E, AUS, I		50V	C63 C66	1-162-306-11 1-162-199-31		0.01uF	30%	16V
C26	1-136-160-00		0. 039uF	ma, ar, <i>ei</i> 5%	50V	C00	1-102-199-31	CERAMIC	10PF	5%	50V
C20	1-130-100-00	LILM			ND, G, IT)					טספע)	/N350:CND)
C27	1-136-158-00	FIIM	0. 027uF	5%	50V	C67	1-162-294-31	CEDAMIC	0.001uF	10%	50V
021	1 100 100 00		UK, E, AUS, I			COT	1-102-254-51	CERAMIC	0. 001ur		50 (AEP, UK)
		(11000111111	, on, b, 1100, 1	,,	1, 1100011)	C68	1-162-306-11	CERAMIC	0.01uF	30%	16V
C27	1-136-160-00	FILM	0. 039uF	5%	50V	C69	1-124-120-11		220uF	20%	25V
021	1 100 100 00				ND, G, IT)	C71	1-136-173-00		0. 47uF	5%	50V
C28	1-124-903-11	ELECT	luF	20%	50V	0.1	1 100 110 00		0. 1.uz		50:AEP, UK)
C29	1-162-294-31		0.001uF	10%	50V	C72	1-161-494-00	CERAMIC	0. 022uF	(1.0	25V
C30	1-162-600-11	CERAMIC	0.0047uF	30%	16V					(N3	50:AEP, UK)
C31	1-124-477-11	ELECT	47uF	20%	25V						, , , , , , , , , , , , , , , , , , , ,
						C73	1-161-494-00	CERAMIC	0. 022uF		25V
C32	1-126-962-11		3. 3uF	20%	50V					(N3	50:AEP, UK)
C33	1-162-306-11		0.01uF	30%	16V	C701	1-137-368-11		0.0047uF	5%	50V
C34	1-124-907-11		10uF	20%	50V	C702	1-162-290-31		470PF	10%	50V
C35	1-162-306-11		0. 01uF		16V	C703	1-137-399-11		0. 1uF	5%	50V
C37	1-162-199-31	CERAMIC	10PF	5%	50V				D560/N350:C		
				(Na	350K:EA)	C705	1-124-903-11	ELECT	luF	20%	50V
COO	1 100 011 01	CEDANIC	2200	F0/	FOW	0700	1 104 000 00	DI DOM		000/	
C38	1-162-211-31	CERAMIC	33PF	5% (N2)	50V	C706	1-124-902-00		0. 47uF	20%	50V
C39	1-162-195-31	CEDAMIC	4. 7PF	10%	50:G, IT) 50V	C707 C710	1-124-907-11 1-124-907-11		10uF	20%	50V
Cos	1-102-193-31	CERAMIC	4. / / / /		350K:EA)	C710	1-124-907-11		10uF 1uF	20%	50V
C40	1-101-005-00	CEDAMIC	22000PF		50V:EA)	C711	1-124-903-11		100uF	20% 20%	50V 10V
C40	1-164-159-11		0. 1uF		50V	C/12	1-124-445-00	ELECT	10001	20%	104
011	1 101 100 11	ODITIMITO		EP. UK/N3	350K:EA)	C801	1-137-368-11	FILM	0.0047uF	5%	50V
C42	1-162-196-31	CERAMIC	5. 6PF	10%	50V	C802	1-162-290-31		470PF	10%	50V
					AEP, UK)	C803	1-137-399-11		0. 1uF	5%	50V
				•	, , ,		3.5		D560/N350:C		
C42	1-162-198-31	CERAMIC	8. 2PF	10%	50V	C805	1-124-903-11	ELECT	luF	20%	50V
		(D560/N350:CND, E,	AUS, MX, AR,	PX, G, I1	r/N350K)	C806	1-124-902-00	ELECT	0. 47uF	20%	50V
C43	1-162-306-11	CERAMIC	0.01uF	30%	16V						
C44	1-102-120-00	CERAMIC	0.0018uF		50V	C807	1-124-907-11		10uF	20%	50V
					: AEP, UK)	C810	1-124-907-11		10uF	20%	50V
C45	1-162-301-11	CERAMIC	0.0015uF		16V	C811	1-124-903-11		1uF	20%	50V
					AEP, UK)	C812	1-124-443-00		100uF	20%	10V
C46	1-101-005-00	CERAMIC	22000PF		50V	C901	1-164-159-11	CERAMIC	0. 1uF		50V
				(N350:	AEP, UK)				_		
0.45	1 100 100 00	DIIM	0.050.5	50 /		C902	1-164-159-11		0. luF		50V
C47	1-136-162-00	riLM	0. 056uF		50V	C903	1-164-159-11		0. 1uF	000	50V
				(N3	350K:EA)	C906	1-126-101-11	ELECT	100uF	20%	16V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1001	1-162-288-31	CERAMIC	330PF	10%	50V	i .	1-124-925-11		2. 2uF	20%	100V
C1003	1-162-282-31	CERAMIC	100PF	10%	UK, G, IT) 50V	C1248	1-137-375-11	rilm	0. 068uF (N3	5% 50:AEP,	50V UK, G, IT)
	1-162-282-31 1-124-927-11		100PF 4, 7uF	10% 20%	50V 100V	C1249	1-137-375-11	FILM	0. 068uF	5%	50V UK, G, IT)
C1006	1-124-927-11 1-162-600-11 1-162-301-11	CERAMIC	0. 0047uF 0. 0015uF	30% 30%	16V 16V	C1250	1-162-294-31	CERAMIC	0.001uF	10%	50V UK, G, IT)
	1-102-301-11		0. 47uF	20%	50V	C1298	1-137-375-11	FILM	0.068uF	5%	50 V
C1009	1-124-126-00	ELECT	47uF	20%	10V UK, G, IT)	C1299	1-137-375-11	FILM	0.068uF	5%	UK, G, IT) 50V UK, G, IT)
	1-162-306-11 1-162-286-31		0. 01uF 220PF	30% 10%	16V 50V	C1300	1-162-294-31	CERAMIC	0.001uF	10%	50V UK, G, IT)
			(N3	50:AEP,	UK, G, IT)	C1201	1 126 160 00	PILM			
	1-124-907-11 1-124-907-11		10uF 10uF	20% 20%	50V 50V		1-136-169-00 1-136-169-00		0. 22uF 0. 22uF	5% 5%	50V 50V
01004	1 124 501 11	DDDC1	Tour	20%	501		1-126-974-11		3300uF	20%	50V
C1051	1-162-288-31	CERAMIC	330PF	10%	50V			(N350: AEP, UK, E,			
					UK, G, IT)	C1303	1-128-493-11	ELECT	4700uF	20%	71V
	1-162-282-31		100PF	10%	50V	01004	1 100 074 11	DI DOM			350:CND)
	1-162-282-31 1-124-927-11		100PF 4. 7uF	10% 20%	50V 100V	C1304	1-126-974-11	(N350: AEP, UK, E,	3300uF	20%	50V
	1-162-600-11		4. 7ur 0. 0047uF	30%	16V			(Noou: Mer, UK, E,	AUS, MA, AR	, ra, u, i	(AUCCM)
					16V	C1304	1-128-493-11	ELECT	4700uF	20%	71V
	1-162-301-11 1-124-902-00		0. 0015uF 0. 47uF	30% 20%	50V	C1305	1-126-105-11	EI ECT	1000uF	20%	350:CND) 35V
	1-124-126-00		47uF	20%	10V		1-124-477-11		47uF	20%	25V
01000	1 124 120 00	BBBC1			UK, G, IT)		1-124-477-11		47uF	20%	25V
	1-162-306-11 1-162-286-31		0. 01uF 220PF	30% 10%	16V 50V		1-124-122-11		100uF	20%	50V
			(N3		UK, G, IT)	C1322	1-124-122-11	ELECT	100uF	20%	50V
						C1326	1-124-907-11	ELECT	10uF	20%	50V
	1-137-440-11		0.018uF	5%	50V		1-124-907-11		10uF	20%	50V
	1-124-903-11		luF	20%	50V		1-136-165-00		0. 1uF	5%	50V
	1-162-302-11		0. 0022uF	30%	16V	C1332	1-136-165-00	FILM	0. 1uF	5%	50V
	1-137-443-11		0. 056uF	5%	50V			DI DOM	0000 5	000	
C1105	1-162-600-11	CERAMIC	0. 0047uF	30%	16V	1	1-126-946-11		6800uF	20%	25V
C1106	1-136-171-00	DIIM	0 22.4	5%	50 V		1-124-636-00 1-124-907-11		3300uF	20%	25V
	1-136-171-00		0. 33uF 0. 15uF	5% 5%	50V 50V		1-124-907-11		10uF 0. 47uF	20% 20%	50V 50V
	1-124-907-11		0. 15ur 10uF	20%	50V	1	1-124-902-00		luF	20%	50V 50V
	1-162-306-11		0. 01uF	30%	16V	01040	1 124 505 11	DEBCI	rui	2070	301
	1-137-440-11		0. 018uF	5%	50V	C1344	1-162-306-11	CERAMIC	0.01uF	30%	16V
							1-124-907-11		10uF	20%	50V
C1152	1-124-903-11	ELECT	luF	20%	50V	C1361	1-126-176-11	ELECT	220uF	20%	10V
C1153	1-162-302-11	CERAMIC	0.0022uF	30%	16V	C1362	1-126-176-11	ELECT	220uF	20%	10V
	1-137-443-11		0.056uF	5%	50V	C1365	1-124-472-11	ELECT	470uF	20%	10V
	1-162-600-11		0. 0047uF	30%	16V						
C1156	1-136-171-00	FILM	0. 33uF	5%	50V	C1371	1-124-477-11	ELECT	47uF (N	20% 350:AEP	25V 2, UK, E2)
	1-136-167-00		0. 15uF	5%	50V	C1381	1-124-898-11	ELECT	4700uF	20%	16V
	1-164-159-11		0. 1uF		50V	1	1-124-471-00		1000uF	20%	6. 3V
	1-124-907-11		10uF	20%	50V	1	1-162-294-31		0. 001uF	10%	50V
	1-162-306-11		0. 01uF	30%	16V	C1504	1-124-477-11	ELECT	47uF	20%	25V
C1191	1-124-907-11	CLECI	10uF	20%	50V	CIEDE	1_126 165 00	DIIM	0.1	EØ/	EON
C1221	1-124-443-00	FI FCT	100uF	20%	10V		1-136-165-00 1-162-294-31		0. 1uF 0. 001uF	5% 10%	50V 50V
	1-126-176-11		220uF	20%	10V		1-102-294-31		10PF	10% 5%	50V 50V
	1-126-176-11		220uF	20%	10V 10V		1-102-947-00		10PF	5%	50V 50V
-1000	1.0 11					, 01014	_ 102 011 00	J		0.0	301

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Descr	iption	Remark
C1515	1-162-290-31	CERAMIC	470PF	10%	50V	D1310	8-719-987-63			MX, AR, PX, G, IT/N350K)
	1-124-907-11 1-162-306-11		10uF 0.01uF	20% 30%	50V 16V	D1311	8-719-024-99			, , , , , , , , , , , , , , , , , , , ,
C1803	1-124-925-11	ELECT	2. 2uF	20%	100V	i e	8-719-024-99			
		< FILTER >					8-719-024-99 8-719-934-18		11ES2-NTA2B HZS27-2L	
						D1331	8-719-200-02	DIODE	10E2	
CF1 CF2		FILTER, CERAMIC FILTER, CERAMIC	(10.7MHz)				8-719-200-02			
CF3	1_567_380_11	FILTER, CERAMIC			UK, G, IT)		8-719-200-02 8-719-200-02			
Cro	1-301-309-11	(D560/N350:			X/N350K)		8-719-200-02			
CF3	1-760-393-11	FILTER, CERAMIC			,		8-719-987-63			
					UK, G, IT)	D1362	8-719-987-63	DIODE	1N4148M	
CF4	1-760-220-11	FILTER, CERAMIC	(10.7MHz)			D1363	8-719-024-99	DIODE	11ES2-NTA2B	
CF5	1-527-981-00	FILTER, CERAMIC	(450kHz)				8-719-024-99			
CF6		OSCILLATOR, CER.		Hz)			8-719-024-99			(N350:AEP2, UK, E2)
							8-719-024-99			(N350:AEP2, UK, E2)
		< CONNECTOR >				D1373	8-719-024-99	DIODE	11ES2-NTA2B	(N350: AEP2, UK, E2)
CN901	1-568-838-11	SOCKET, CONNECTO	OR 21P			D1374	8-719-024-99	DIODE	11ES2-NTA2B	(N350: AEP2, UK, E2)
		SOCKET, CONNECTO					8-719-024-99			(
		PIN, CONNECTOR					8-719-024-99			
		PIN, CONNECTOR (SOCKET, CONNECTO					8-719-024-99 8-719-024-99			
* CN100	0 1-506-654-11	SOCRET, CONNECTS	on for (No	30K)		D1310	6-119-024-99	DIODE	TIESZ-NIAZD	
		PLUG, CONNECTOR				D1381	8-719-024-99	DIODE	11ES2-NTA2B	
		PLUG, CONNECTOR			>		8-719-024-99			
		PIN, CONNECTOR SOCKET, CONNECTOR		EPZ, UK,	EZ)		8-719-024-99 8-719-024-99			
		CONNECTOR, FFC/I					8-719-987-63			
		< TRIMMER >					8-719-024-99			
CT1	1-141-227-00	CAP, TRIMMER	20PF (N35	OK:EA)			8-719-987-63 8-719-987-63			
CT2		CAP, TRIMMER	20PF (N35				8-719-987-63			
		< DIODE >						∠ EDO	NTEND >	
		< DIODE >						< rku	NIEND >	
D1	8-719-987-63					FE1			END (2 BAND) (D	
D5	8-719-976-30		(N350K:EA)		FE1	1-693-090-51	FRONT	END (FM) (2 GANG	
D901 D1204	8-719-933-54 8-719-815-85	DIODE HZS9A2L DIODE 1S1585	(D560/N350	:CND)		FE1	1-693-217-11	FRONT		, AUS, MX, AR, PX/N350K) 350:AEP, UK, G, IT)
D1204		DIODE 1N4148M								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		(N350: AEP, UK, E,	AUS, MX, AR	, PX, G, I'	T/N350K)			< IC :	>	
D1205	8-719-815-85	DIODE 1S1585	(D560/N350	:CND)		IC1	8-759-200-60	IC '	TA7060AP (N350:	AEP, UK, G, IT)
D1205			(= 0 0 0 7 1 1 0 0 0	,		IC2	8-759-200-60		TA7060AP (N350:	
		(N350: AEP, UK, E,				IC3	8-759-176-03	IC I	LA1835	
	8-719-028-23		-4101 (N35)	U:AEP, U	K, G, IT)	IC51	8-759-288-54		LC72130	
D1303	8-719-510-68	DIODE D5SBA201 (D560/N350:0		MX. AR. P	X/N350K)	IC901	8-759-289-38	ıC l	HA12195NT (D560/N;	350:CND, AEP, UK, G, IT)
D1306	8-719-001-42	• •		,, 1	,				(D000) IR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
D1000	0 710 015 05	DIODE 101505	(DECO /210E0	CND		IC901	8-759-289-39	IC I	HA12196NT	MO NA TO DA GOCON,
D1309 D1309	8-719-815-85 8-719-987-63		(D560/N350	:CND)	-	10002	8-759-822-09	ור י	(N350:E, LB1641	AUS, MX, AR, PX/N350K)
D1303	0 110 901 03	(N350: AEP, UK, E,	AUS, MX. AR.	, PX, G. I	r/N350K)		8-759-634-51		M5218AP	
D1310	8-719-815-85		(D560/N350				8-759-000-48		MC14052BCP	



Ref. No.	Part No.	Descrip	tion	Remark	Ref. No.	Part No.	Description	Remark
IC100	8-759-140-53	IC uP	PD4053BC		Q9	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)
	1 8-759-333-93 2 8-759-925-74		1P87CP64F-6254 174HC04ANS		Q10	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)
IC105	2 8-759-269-92	IC SN	174HCU04ANS-E20		011	0 700 000 00	MD 1101 OTOD	
	1 8-759-291-98 1 8-759-281-42		32423FP 39210P		Q11	8-729-900-80		DTC114ES (N350:AEP, UK/N350K:EA)
IC120	2 8-759-111-68	IC 11E	PC1237HA		Q701 Q801	8-729-119-78 8-729-119-78		2SC2785-HFE 2SC2785-HFE
	8-759-820-13		'8MR06		Q901	8-729-119-78		2SC2785-HFE
		< IFT >	•		Q902	8-729-900-65		DTA144ES
					Q903	8-729-111-29	TRANSISTOR	2SD1616A-K
IFT1	1-409-636-11	TRANSFO	ORMER, IF (CERAMIC FILTER)		Q903	8-729-801-93	TRANSISTOR	(N350: AEP, UK, G, IT) 2SD1387
		< JACK	>					50:CND, E, AUS, MX, AR, PX/N350K)
* 11001	1-580-912-11	IACK F	PIN AP		Q904	8-729-111-29	TRANSISTOR	2SD1616A-K (N350: AEP, UK, G, IT)
* 31001	1 300 312 11	< COIL			Q905	8-729-111-29	TRANSISTOR	2SD1616A-K (N350: AEP, UK, G, IT)
					Q906	8-729-900-80	TRANSISTOR	DTC114ES
L1	1-407-500-00				0007	0 700 400 57	MD LNOT OTOD	TD74111
L1	1-410-688-31			IT /NOEOU)	Q907 Q908	8-729-422-57 8-729-119-76		UN4111 2SA1175-HFE
L2	1-410-336-11		350:CND, E, AUS, MX, AR, PX, G, OR 220uH (N350:G, IT)	11/100001)	Q909	8-729-900-80		DTC114ES
L2	1-410-525-11				Q910	8-729-900-65		DTA144ES
L31	1-414-142-11				Q911	8-729-900-65		DTA144ES
L1201	1-420-872-00	COIL, A	IR-CORE		Q912	8-729-900-65	TRANSISTOR	DTA144ES
			(D560/N350:CND, AEF	P, UK, G, IT)		8-729-900-80		DTC114ES (D560/N350)
L1251	1-420-872-00	COIL, A				8-729-900-80		DTC114ES
L1501	1-410-509-11	INDUCTO	(D560/N350:CND, AEF OR 10uH	P, UK, G, IT)		8-729-900-80 8-729-900-80		DTC114ES (N350K) DTC114ES
		< FILTE	ER >			8-729-119-78		2SC2785-HFE (D560/N350)
						8-729-900-80		DTC114ES (N350K)
LPF1	1-239-597-11	FILTER,) IIV (TT)		8-729-119-78		2SC2785-HFE
LPF2	1-239-597-11	משר ווש	(D560/N350:CND, AEF	, UK, G, 11)		8-729-900-63 8-729-119-78		DTA124ES 2SC2785-HFE
LFFZ	1-259-591-11	rilien,	(D560/N350:CND, AEF	P, UK, G, IT)				
		/ TD 4310	SISTOR >			8-729-119-78		2SC2785-HFE
		(IRANS	51510K /			8-729-900-63 8-729-900-36		DTA124ES DTC124ES
Q1	8-729-230-99	TRANSIS	STOR 2SC2669-OY			8-729-900-36		DTC124ES
Q2	8-729-230-99	(D5	660/N350:CND, E, AUS, MX, AR,	PX/N350K)		8-729-111-29		2SD1616A-K
₩	0 120 200 00		560/N350:CND, E, AUS, MX, AR,	PX/N350K)	Q1303	8-729-900-36	TRANSISTOR	DTC124ES
Q3	8-729-230-99	TRANSIS	STOR 2SC2669-OY		4	8-729-118-00		2SB1116-L
			660/N350:CND, E, AUS, MX, AR,	PX/N350K)		8-729-118-00		2SB1116-L
Q4	8-729-230-99		STOR 2SC2669-OY 560/N350:CND, E, AUS, MX, AR,	PY/N350K)		8-729-118-00 8-729-900-36		2SB1116-L DTC124ES
Q5	8-729-422-57			1 A/ N330K)		8-729-119-78		
Q6	8-729-119-76	TRANSIS		/N2E0K-E4/	Q1511	8-729-119-76	TRANSISTOR	2SC2785-HFE 2SA1175-HFE 2SC2785-UPP
Q7	8-729-119-76	TRANSIS			MIONI	8-729-119-78		2SC2785-HFE
Q8	8-729-900-80	TRANSIS		•			< RESISTOR >	
			(N350:AEP, UK/	/N350K:EA)	R4 R5	1-249-402-11 1-249-411-11		56 5% 1/4W F 330 5% 1/4W

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R6	1-249-433-11	CARBON	22K	5%	1/4W		R53	1-249-417-11	CARBON	1K	5%	1/4W	F
R7	1-249-411-11	CARBON	330	5%	1/4₩						(D	560/N3	50:CND)
R8	1-249-414-11		560	5%	1/4W								
		(D560/N350:	CND, E,	AUS, MX,	AR, PX	/N350K)	R53	1-249-429-11		10K	5%	1/4W	(310 = 017)
R9	1-249-433-11	CAPRON	22K	5%	1/4W		R55	1-249-429-11	(N350: AEP, UK, G	11, E, . 10K	аus, ма 5%	, AK, PX/ 1/4₩	'N35UK)
R10	1-249-411-11		330	5%	1/4W		R56	1-249-417-11		10K	5%	1/4W	F
R11	1-249-433-11		22K	5%	1/4W				O.I.I.DOI.				50K:EA)
R12	1-249-411-11	CARBON	330	5%	1/4W		R57	1-249-429-11	CARBON	10K	5%	1/4₩	
R13	1-249-411-11	CARBON	330	5%	1/4W								50K:EA)
					(N3	50K:EA)	R58	1-249-417-11	CARBON	1K	5%	1/4W	F
R14	1-249-433-11	CARRON	22K	5%	1/4W		R59	1-249-417-11	CARRON	1K	5%	1/4W	E.
R15	1-249-405-11		100	5%	1/4W		R60	1-249-405-11		100	5%	1/4W	
R16	1-249-442-11		510	5%	1/4W	•	R61	1-249-423-11		3. 3K		1/4W	
R17	1-249-403-11		68	5%	1/4W	F	R62	1-249-425-11		4. 7K		1/4W	
R18	1-247-842-11	CARBON	3K	5%	1/4W		R63	1-249-425-11	CARBON	4.7K		1/4W	
													_
R19	1-249-441-11		100K		1/4W		R64	1-249-425-11		4.7K		1/4W	F
R20 R21	1-249-429-11		10K	5% =~	1/4W 1/4W	D.	R65	1-247-807-31		100	5%	1/4₩	
R21	1-249-423-11 1-249-423-11		3. 3K 3. 3K		1/4W		R66 R71	1-249-425-11 1-249-423-11		4. 7K 3. 3K		1/4W 1/4W	
R23	1-249-426-11		5. 6K		1/4W	1	II.I	1 243 425 11	CARDON	J. JIL			AEP, UK)
	1 0.0 100 11	C.I.I.ZOI.	0. 0	0,0	-,		R72	1-249-433-11	CARBON	22K	5%	1/4₩	111, 011)
R24	1-249-426-11	CARBON	5.6K	5%	1/4W								AEP, UK)
R25	1-249-429-11	CARBON	10K	5%	1/4W								
R26	1-249-429-11	CARBON	10K	5%	1/4W		R73	1-249-425-11	CARBON	4.7K		1/4₩	
D.10		O. D.DOM				50K:EA)	55.		0.177011				AEP, UK)
R40	1-249-395-11	CARBON	15	5%	1/4W		R74	1-249-425-11	CARBON	4. 7K		1/4W	
R40	1-249-399-11	CARRON	33	5%	(N3	50K:EA)	R75	1-249-425-11	CAPRON	4. 7K		(N35U: F 1/4\	AEP, UK)
1140	1 249 399 11					, MY, SP)	1/10	1-245-425-11	CARDON	4. IN			AEP, UK)
			(5000)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,, 0. /	R701	1-249-430-11	CARBON	12K	5%	1/4₩	11.11 , (11.7)
R41	1-249-429-11	CARBON	10K	5%	1/4W		R702	1-249-431-11		15K	5%	1/4W	
			(N3			50K:EA)							
R42	1-249-429-11	CARBON	10K		1/4W		R703	1-215-451-00		18K	1%	1/4W	
D.49	1 040 441 11	CADDON				50K:EA)	D704	1 040 400 11					(, G, IT)
R43 R44	1-249-441-11 1-249-425-11		100K 4.7K		1/4W 1/4W	D.	R704 R705	1-249-428-11 1-249-425-11	-	8. 2K 4. 7K		1/4W 1/4W	
1144	1-245-425-11	CARDON				50K:EA)	R706	1-249-429-11		10K	5%	1/4W	r
R45	1-249-437-11	CARBON	47K	5%	1/4W	OUII. Dai)	R707	1-249-429-11		10K	5%	1/4W	
												•	
R46	1-247-903-00	CARBON	1M	5%	1/4W		R708	1-249-429-11		10K	5%	1/4W	
						K, G, IT)		1-249-429-11		10K	5%	1/4W	
R47	1-249-433-11	CARBON	22K	5%	1/4₩	FOV. DAX	R710	1-249-429-11		10K	5%	1/4W	
R48	1-249-437-11	CAPRON	47K		1/4W	50K:EA)	R711 R712	1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W	
1140	1 243 437 11	CARDON	4117			AEP, UK)	K/12	1-245-425-11	CARDON	101	3/0	1/41	
R49	1-247-903-00	CARBON	1M		1/4W	. , ,	R713	1-249-429-11	CARBON	10K	5%	1/4W	
					(N3	50K:EA)	R714	1-249-420-11		1. 8K		1/4W	F
R50	1-249-401-11	CARBON	47	5%	1/4W	F	R715	1-249-433-11			5%	1/4W	
DE1	1 040 417 11	CLEDON				_	R716	1-249-421-11			5%	1/4W	
R51	1-249-417-11	CAKBON	1K		1/4W	-	R717	1-249-428-11	CARBON	8. 2K	5%	1/4W	F
R51	1-249-423-11	CARBON	3. 3K		1/4₩	50:CND)	R718	1-249-417-11	CAPRON	1 K	5 9⁄	1 /AW	D.
	2 2 10 120 11	(N350: AEP, UK, G					R801	1-249-417-11			5% 5%	1/4W 1/4W	r.
R52	1-249-417-11		1K		1/4W		R802	1-249-430-11			5%	1/4W	
						50:CND)	R804	1-249-428-11				1/4W	F
R52	1-249-429-11	CARBON	10K		1/4W	ĺ	R805	1-249-425-11		4. 7K		1/4W	
		(N350: AEP, UK, G	, IT, E, <i>I</i>	AUS, MX,	AR, PX,	/N350K)							



Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
Me1. NO.						Memai K	RET. NO.	Tare No.	bescription				Kellal K
R806	1-247-882-11	CARBON	130K	5%	1/4₩		R1014	1-249-429-11	CARBON	10K	5%	1/4W	
R807	1-247-866-11	CARBON	30K	5%	1/4W		R1021	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R808	1-247-864-11	CARBON	24K	5%	1/4W		R1022	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R809	1-249-429-11	CARBON	10K	5%	1/4W		1						
			(D560/N3			K. G. IT)	R1049	1-249-441-11	CARBON	100K	5%	1/4W	
R814	1-249-420-11	CARRON	1. 8K		1/4W			1-249-417-11		1K	5%	1/4W	F
ROIT	1 243 420 11	Childon	1. 01.	J/0	1/ 11	•	1 "1001	1 210 111 11	Childon				K, G, IT)
R815	1-249-433-11	CADDON	22K	E9/	1/4W		P1052	1-249-417-11	CARRON	1K	5%	1/4W	
					1/4W	TP.		1-249-437-11		47K	5%	1/4W	Г
R816	1-249-421-11		2. 2K				l .						Б
R817	1-249-428-11		8. 2K		1/4₩		K1054	1-249-416-11	CARBON	820	5%	1/4W	
R818	1-249-417-11		1K	5%	1/4W					(D560/N3	50:CND,	ALP, U	K, G, 11)
R901	1-249-425-11	CARBON	4.7K	5%	1/4W	r	21054		CARRON	1 517	F0/	1 / 477	
						_	R1054	1-249-419-11	CARBON	1. 5K		1/4₩	
R902	1-249-425-11		4.7K		1/4W					(N350:E,			/N350K)
R903	1-249-425-11	CARBON	4.7K		1/4W			1-247-897-11		560K		1/4W	
R904	1-249-417-11	CARBON	1K	5%	1/4W	F.	1	1-249-437-11		47K		1/4W	
R905	1-249-437-11	CARBON	47K	5%	1/4W		R1057	1-249-422-11	CARBON	2. 7K	5%	1/4W	F
R906	1-249-437-11	CARBON	47K	5%	1/4W		R1058	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R907	1-249-437-11	CARBON	47K	5%	1/4W		R1059	1-249-409-11	CARBON	220	5%	1/4₩	F ·
R908	1-249-437-11		47K	5%	1/4W								K, G, IT)
R914	1-249-433-11		22K	5%	1/4W		R1071	1-249-422-11	CARBON	2. 7K		1/4W	
R915	1-249-433-11		22K	5%	1/4W			1-249-427-11		6. 8K		1/4W	
R916			330	5%	1/4W			1-249-441-11		100K		1/4W	Г
кэто	1-249-411-11	CARDON	330	3/6	1/411		L			27K			
D017	1 040 407 11	CADDON	C 017	Ε0/ .	1 / 410	г.	KIIOO	1-249-434-11	CARDON	ZIN	37 6	1/4W	
R917	1-249-427-11		6. 8K		1/4₩	r	D. 1.0.	1 040 441 11	CARRON	1007	-0 /	1 / 4177	
R918	1-249-429-11		10K	5%	1/4W			1-249-441-11		100K		1/4W	_
R920	1-249-429-11		10K	5%	1/4W	_		1-249-425-11		4. 7K		1/4W	F
R921	1-249-417-11		1K	5%	1/4W		ı	1-249-437-11		47K	5%	1/4W	
R922	1-249-417-11	CARBON	1K	5%	1/4W			1-249-433-11		22K	5%	1/4W	
				(N350	: AEP, l	JK, G, IT)	R1144	1-249-429-11	CARBON	10K	5%	1/4W	
R923	1-249-417-11	CARBON	1K	5%	1/4₩	F	R1145	1-249-433-11	CARBON	22K	5%	1/4₩	
				(N350:	: AEP, U	JK, G, IT)	R1146	1-249-417-11	CARBON	1K	5%	1/4W	F
R924	1-249-381-11	CARBON	1	5%	1/4W	F	R1150	1-249-434-11	CARBON	27K	5%	1/4W	
				(N350	: AEP, U	K, G, IT)	R1181	1-249-441-11	CARBON	100K	5%	1/4₩	
R925	1-249-381-11	CARBON	1	5%	1/4W	F	R1191	1-249-425-11	CARBON	4.7K	5%	1/4₩	F
				(N350	: AEP, U	JK, G, IT)							
R926	1-249-381-11	CARBON	1	5%	1/4W		R1194	1-249-429-11	CARBON	10K	5%	1/4W	
			-			JK, G, IT)		1-249-433-11	-	22K	5%	1/4W	
R1001	1-249-417-11	CARBON	1K	5%	1/4W		1	1-249-417-11		1K	5%	1/4W	Ŧ
RIOUI	1 210 ,111 11	Childon				JK, G, IT)		1-249-389-11		4. 7	5%	1/4W	
				(11000	·D. , (,,, 0, 11)		1 210 000 11	Carabon	(D560/N3			
P1002	1-249-417-11	CARRON	1 K	5%	1/4W	F	R1221	1-249-389-11	CARRON	4. 7		1/4W	_
	1-249-437-11		1K 47K	5%	1/4W	r	11221	1 243 303 11	CARDON	(D560/N3			
			820	5%	1/4W	D.				(D300/N3	30 CND	AEF, U	n, u, 11)
K1004	1-249-416-11	CARDON					D1000	1 040 400 11	CADDON	000	rn/	1 / 4177	n
D1004		010001	(D560/N3				RIZZZ	1-249-409-11		220	.5% 	1/4W	
R1004	1-249-419-11	CARBON	1. 5K		1/4W				(N350: AEP, U				/N350K)
			(N350:E,			(/N350K)	R1222	1-249-411-11	CARBON	330	5%	1/4₩	
R1005	1-247-897-11	CARBON	560K	5%	1/4W						(D		50:CND)
							R1223	1-249-409-11	CARBON	220	5%	1/4W	F
R1006	1-249-437-11	CARBON	47K	5%	1/4W		1		(N350: AEP, U	K, E, AUS, M	X, AR, P	X, G, IT	/N350K)
R1007	1-249-422-11	CARBON	2.7K	5%	1/4W	F	R1223	1-249-411-11	CARBON	330	5%	1/4₩	
	1-249-427-11		6.8K		1/4W								50:CND)
	1-249-409-11		220	5%	1/4W		R1226	1-216-454-11	METAL OXIDE	390	5%		F
		_				JK, G, IT)				- · · -			K. G. IT)
R1011	1-249-429-11	CARBON	10K	5%	1/4₩	, -,)					(000		,,
			1011	0,0			R1226	1-216-456-00	METAL OXIDE	820	5%	2₩	F
P1019	1-249-429-11	CARRON	10K	5%	1/4W			1 210 100 00	UNIDE	(N350:E,			-
	1-249-429-11		10K 10K	5%	1/4W		I			(HOOU . D,	MA,	nı, fA	, 11000N)
1/1019	1-49-469-11	CHILDON	101/	J/0	1/41								l.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R1226	1-216-481-11	METAL OXIDE	1. 2K		3W (D560/N3	F FO.CND)		1-249-433-11 1-249-433-11		22K	5% 5%	1/4W	
R1233	1-247-854-11	CARBON	9. 1K	5%	1/4\ 1/4\ (D560/N3			1-249-429-11		22K 10K	5% 5%	1/4W 1/4W	
R1233	1-249-425-11	CARBON (N350: AEP, UK, E	4.7K	5%	1/4W	F		1-249-433-11 1-249-433-11		22K 22K	5% 5%	1/4W 1/4W	(N350K)
R1234	1-247-854-11		9. 1K	5%	1/4₩		R1520	1-249-433-11	CARBON	22K	5%	1/4₩	n
7.00 .		0.000			(D560/N3	Í		1-249-425-11 1-249-429-11		4.7K 10K	5% 5%	1/4W 1/4W	
	1-249-425-11	(N350:AEP, UK, E		X, AR,	1/4W PX, G, IT							(N3	50K:EA)
R1235	1-249-435-11	CARBON (N350: AEP, UK, E	33K , AUS, M	5% X, AR,	1/4W PX, G, IT	/N350K)		1-249-433-11 1-249-429-11		22K 10K	5% 5%	1/4W 1/4W	
R1235	1-249-437-11		47K	5%	1/4W (D560/N3			1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W	
	1-249-441-11		100K	5%	1/4W	00.000		1-249-429-11		10K	5%		(N350K)
R1237	1-249-429-11	CARBON	10K	5%	1/4W		R1528	1-249-429-11	CARBON	10K	5%	1/4₩	
	1-249-438-11 1-249-397-11		56K 22	5% 5%	1/4W 1/4W	F	P1590	1-249-429-11	CARRON	10K	(N 5%	350K:E3, 1/4₩	, MY, SP)
R1246	1-249-421-11	CARBON	2. 2K	5%	1/4W	F				(N350:AE	P, UK,		50K:EA)
R1248	1-249-389-11	CARBON	4. 7	5% (N35	1/4W 50:AEP,U		R1529	1-249-431-11	CARBON	15K (N350:	5% AUS/N	1/4W 350K:E3,	, MY, SP)
R1249	1-249-389-11	CARBON	4. 7	5% (N35	1/4W 50:AEP, U		R1529	1-249-433-11	CARBON	22K	5%	1/4W 50:E, MX,	
P1270	1-249-389-11	CARRON	4. 7		1/4W		R1530	1-249-423-11	CARBON	3. 3K		1/4₩	
		(D	560/N3	50:CN	ID, AEP, U	K, G, IT)							(NOOUN)
R1271	1-249-389-11		4.7 560/N3	5% 50:CN	1/4W ID, AEP, U		R1530	1-249-429-11	CARBON	10K (N350:E	5% , AUS,	1/4W MX, AR, P	X, G, IT)
R1272	1-249-409-11	CARBON (N350: AEP, UK, E	220 AUS M	5% X AR	1/4W PX G IT		R1530	1-249-433-11	CARBON	22K	5%	1/4W	AEP, UK)
R1272	1-249-411-11		330	5%	1/4W			1-249-429-11		10K	5%	1/4W	adi, on
R1273	1-249-409-11	CARBON	220	5%	(D560/N3 1/4\			1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W	
		(N350: AEP, UK, E											
R1273	1-249-411-11	CARBON	330	5%	1/4W			1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W	
D1900	1 240 427 11	CADDON	4717		D560/N3	50:CND)		1-249-429-11		10K	5%	1/4W	
	1-249-437-11 1-249-421-11		47K 2. 2K	5% 5%	1/4W 1/4W	ъ П		1-249-429-11 1-247-807-31		10K 100	5% 5%	1/4W	
	1-249-389-11		4. 7	5%	1/4W		K1331	1-247-007-31	CARBON	100	3/6	1/4W	
					0:AEP, U			1-247-807-31		100	5%	1/4W	
R1299	1-249-389-11	CARBON	4.7		1/4W		R1554	1-247-807-31	CARBON	100	5%	1/4W	
				(N35	0: AEP, U	K, G, IT)		1-247-807-31		100	5%	1/4W	
D1000		0.1550.1				_		1-247-807-31		100	5%	1/4W	
	1-249-425-11	-	4.7K		1/4W		R1557	1-247-807-31	CARBON	100	5%	1/4W	
	1-249-425-11		4. 7K		1/4₩								
	1-249-421-11		2. 2K		1/4W			1-247-807-31		100	5%	-	(N350K)
	1-249-393-11		10	5%	1/4W			1-247-807-31		100	5%		(N350K)
R13Z1	1-249-421-11	CARBON	2. 2K	5%	1/4W	F		1-247-807-31		100	5%		(N350K)
D1000	1 940 997 11	CADDON	00	rα	1 / 477	_		1-247-807-31		100	5%		(N350K)
	1-249-397-11		22	5%	1/4W		R1571	1-249-429-11	CARBON	10K	5%	1/4W	
	1-249-397-11		22	5% cv	1/4W	l l	D1575	1 040 400 **	CADDON	4000	-0 /		
	1-249-417-11		1K	5%	1/4W	r		1-249-437-11		47K	5%	1/4W	
	1-249-429-11		10K	5% 5%	1/4W	_		1-247-807-31		100	5%	1/4W	
10617	1-249-421-11	CARDUN	2. 2K	57 6	1/4W	r		1-249-429-11		10K	5% 5%	1/4W	
D1060	124049111	CADDON	9 917	ΕO	1 / 418	_		1-247-807-31		100	5%	1/4W	
	1-249-421-11 1-249-433-11		2. 2K 22K	5% 5%	1/4W 1/4W	r l	16117	1-247-807-31	CARBUN	100	5%	1/4W	
1/1901	1 445-400-11	CARDON	LLN	J/0	1/41	ı							

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description			Remark
R1758	1-247-807-31		5% 1/4W				< VIBRATOR >			
R1759			5% 1/4W	F				/ \		
R1760			5% 1/4W				VIBRATOR, CERAM	, ,	、	
	1-247-807-31		5% 1/4W		X1502	1-567-098-41	VIBRATOR, CRYSTA	AL (32.768	kHz)	
R1764	1-247-807-31	CARBON 100	5% 1/4W				< VIBRATOR >			
R1766	1-247-807-31	CARBON 100	5% 1/4W							
R1767	1-247-807-31	CARBON 100	5% 1/4W		XT51	1-578-785-11	VIBRATOR, CRYST	AL (4.5MHz)	
R1768	1-247-807-31	CARBON 100	5% 1/4W						(D560/N	350:CND)
R1770	1-247-807-31	CARBON 100	5% 1/4₩		XT51	1-760-549-11	VIBRATOR, CRYST	•	•	
R1801	1-249-437-11	CARBON 47K	5% 1/4W				(N350: AEP, UK, E,	, AUS, MX, AR	, PX, G, I	T/N350K)
R1802	1-249-437-11		5% 1/4W		******	******	******	*******	*****	*****
	1-249-421-11			F						
	1-247-895-00			_	*	A-2007-253-A	MD BOARD, COMPL			
	1-249-413-11		5% 1/4W 5% 1/4W	F			*********	***		
K1900	1-247-895-00	CARDON 410K	3/6 1/4#				MOTOR BOARD			
		< COMPOSITION CIRCUIT	BLOCK >				*******			
RB1	1-236-777-11	ENCAPSULATED COMPONEN	T (N350K:EA))			< CAPACITOR >			
RB1		ENCAPSULATED COMPONEN								
		(N350:E, AUS, MX, AR, PX, G	, IT/N350K:E3	3, MY, SP)	C301	1-162-289-31	CERAMIC	390PF	10%	50V
RB1	1-239-634-11	ENCAPSULATED COMPONEN			C302	1-124-443-00		100uF	20%	10V
			(D560/N3		C303	1-162-282-31		100PF	10%	50V
RB1		ENCAPSULATED COMPONEN			C304	1-130-483-00		0. 01uF	5%	50V
RB2	1-236-463-11	ENCAPSULATED COMPONEN	T (N350:AEP,	UK)	C305	1-124-282-00	ELECT	22uF	20%	16V
		< VARIABLE RESISTOR >			C311	1-162-289-31	CERAMIC	390PF	10%	50V
		· vintingge region /			C313	1-162-282-31		100PF	10%	50V
RV1	1-238-601-11	RES, ADJ, CARBON 22K			C314	1-130-487-00		0. 022uF	5%	50V
RV2		RES, ADJ, CARBON 22K			C315	1-124-234-00	ELECT	22uF	20%	16V
RV701	1-238-600-11	RES, ADJ, CARBON 10K			C331	1-136-434-11	FILM	120PF	5%	630V
RV801	1-238-600-11	RES, ADJ, CARBON 10K								
		4 PPI 417 >			C332	1-162-288-31		330PF	10%	50V
		< RELAY >			C333	1-162-209-31		27PF	5%	50V
DV100		DELAY (DECO /NOTO CND)			C401	1-162-289-31		390PF	10%	50V
		RELAY (D560/N350:CND)			C402	1-124-443-00 1-162-282-31		100uF 100PF	20%	10V 50V
K1120	1 1-515-920-11	(N350:AEP, UK, E, AUS, M	X, AR, PX, G, IT	r/N350K)	C403	1-102-202-31	CERAMIC	10077	10%	501
					C404	1-130-483-00	MYLAR	0.01uF	5%	50 V
		< TRANSFORMER >			C405	1-124-282-00	ELECT	22uF	20%	16V
					C411	1-162-289-31		390PF	10%	50V
T1		COIL (ANT, SW3) (N350K:			C413	1-162-282-31		100PF	10%	50V
T2	1-402-960-11	COIL (OSC SW3) (N350K:	EA)		C414	1-130-487-00	MYLAR	0. 022uF	5%	50V
		< TERMINAL >			C415	1-124-234-00	ELECT	22uF	20%	16V
					C431	1-136-434-11	FILM	120PF	5%	630V
TM1	1-537-238-21	TERMINAL BOARD (ANTEN			C432	1-162-288-31	CERAMIC	330PF	10%	50 V
		(D560/N350:CND, E,			C433	1-162-209-31		27PF	5%	50V
TM1		TERMINAL BOARD (ANT) (C601	1-126-157-11	ELECT	10uF	20%	16V
TM120	1 1-537-240-31	TERMINAL BOARD (CHECK	, , , ,		0000	1 100 155 75	DI DOM	10.5	000	1.01
TH100	1 1 507 001 11	(D560/N350:CND, E,		(/N35UK)	C602	1-126-157-11		10uF	20%	16V
1M120	1 1-53/-801-11	TERMINAL BOARD (SPEAK		ווע כי זירי	C611	1-126-157-11		10uF	20%	16V
TM190	0 1_527_040_01	TERMINAL BOARD (CHECK	(N350: AEP, U	m, u, 11)	C612	1-126-157-11 1-136-601-11		10uF 0. 01uF	20% 5%	16V 630V
1M1ZU	4 1-001-440-31		ER PIN) (SURROUND SF	DE V KEDC/	C621 C622	1-136-601-11		0. 01ur 2. 2uF	5% 20%	630V 100V
		(N350: AEP, UK, E, AUS, M	•		1 0044	1 144 343-11	DDEC1	4. 4uf	2010	1001
		(,,, 0, 11	.,	C623	1-136-155-00	FILM	0. 015uF	5%	50V
					C624	1-130-481-00		0. 0068uF		50V
								-		



Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
C625 C627 C628	1-130-481-00 1-124-903-11 1-136-153-00	ELECT	0. 0068 1uF 0. 01uF		5% 20% 5%	50V 50V 50V	R609 R611	1-249-433-11 1-249-409-11			5% 5%	1/4W 1/4W	F
C642 C651	1-124-477-11 1-164-159-11	ELECT	47uF 0. 1uF		20%	25V 50V	R612 ⚠R621 ⚠R622 R623	1-249-409-11 1-212-851-00 1-212-851-00 1-249-432-11	FUSIBLE FUSIBLE	5. 6 5. 6	5%	1/4W 1/4W 1/4W 1/4W	F
		< CONNECTOR >					R624	1-249-432-11	CARBON	18K	5%	1/4W	
* CN602	1-564-718-11	SOCKET, CONNECTOR PIN, CONNECTOR PLUG, CONNECTOR < IC >	(SMALL	TYPE) 2P		R625 R651 R652 R653	1-249-429-11 1-247-856-00 1-247-856-00 1-249-441-11	CARBON CARBON	11K	5%	1/4W 1/4W 1/4W 1/4W	
									< VARIABLE RESIS	STOR >			
IC602	8-759-111-44 8-759-143-54 8-759-111-44	IC uPC1330HA					RV311 RV341 RV401	1-238-598-11 1-238-551-11 1-238-598-11	RES, ADJ, CARBOI RES, ADJ, CARBOI RES, ADJ, CARBOI RES, ADJ, CARBOI	N 2. 2K N 220K N 2. 2K			
L331 L431	1-410-780-11 1-410-780-11	INDUCTOR	27mH 27mH				RV441	1-238-551-11	RES, ADJ, CARBOI RES, ADJ, CARBOI	N 220K			
		< TRANSISTOR >					RV652	1-238-599-11	RES, ADJ, CARBOI	N 4.7K			
Q621 Q622 Q623	8-729-142-46 8-729-142-46 8-729-801-93	TRANSISTOR 25	C2001-L C2001-L				T001	1 400 000 11	< TRANSFORMER >	10 0001			
Q651	8-729-900-65		SD1387 CA144ES						TRANSFORMER, BI				
		< RESISTOR >					******	******	************	*****	*****	*****	******
R301	1-247-881-00		120K	5%	1/4W		******		MIC BOARD (N3506	()	*****	*****	*****
R302	1-249-409-11	CARBON CARBON	220	5%	1/4W	F			MIC BOARD (N350F	()	*****	*****	*****
		CARBON CARBON CARBON	220	5% 5%		F			MIC BOARD (N350)	()	*****	*****	*****
R302 R303	1-249-409-11 1-249-433-11	CARBON CARBON CARBON CARBON	220 22K 270K	5% 5%	1/4W 1/4W	F	* C1637	1-654-620-11 1-124-925-11	MIC BOARD (N350F************************************	()	****** 20		****** 100V
R302 R303 R304 R305	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11	CARBON CARBON CARBON CARBON CARBON	220 22K 270K 13K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638	1-654-620-11 1-124-925-11 1-162-294-31	MIC BOARD (N350F************************************	() **	20)%	
R302 R303 R304 R305	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-881-00	CARBON CARBON CARBON CARBON CARBON CARBON	220 22K 270K 13K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF	20 F 10 5%	0% 0% 6	100 V 50 V 50 V
R302 R303 R304 R305 R311 R312	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-881-00 1-247-807-31	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	220 22K 270K 13K 120K 100	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u	20 F 10 5% F 10	0% 0% 6	100V 50V 50V 50V
R302 R303 R304 R305 R311 R312 R314	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-881-00 1-247-807-31 1-247-882-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON	220 22K 270K 13K 120K 100 130K	5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF	20 F 10 5%	0% 0% 6	100 V 50 V 50 V
R302 R303 R304 R305 R311 R312 R314 R315	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-881-00 1-247-807-31 1-247-882-11 1-247-850-11	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K	5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640 C1646	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF	20 F 10 5% F 10 20	0% 0% 6 0%	100V 50V 50V 50V 10V
R302 R303 R304 R305 R311 R312 R314 R315	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-881-00 1-247-807-31 1-247-882-11	CARBON	220 22K 270K 13K 120K 100 130K	5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640 C1646 C1647	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-126-00	MIC BOARD (N350F************************************	2. 2uF 2. 0. 001u 47PF 0. 001u 47uF	20 F 10 5% F 10 20	0% 0% 6 0%	100V 50V 50V 50V 10V
R302 R303 R304 R305 R311 R312 R314 R315 R331	$\begin{array}{c} 1-249-409-11 \\ 1-249-433-11 \\ 1-247-889-00 \\ 1-247-858-11 \\ 1-247-807-31 \\ 1-247-882-11 \\ 1-247-850-11 \\ 1-249-430-11 \\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K	5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640 C1646 C1647 C1650	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-126-00 1-124-925-11	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF	20 F 10 5% F 10 20 20	0% 0% 6 0% 0%	100V 50V 50V 50V 10V
R302 R303 R304 R305 R311 R312 R314 R315 R331	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-807-31 1-247-882-11 1-247-850-11 1-249-430-11 1-247-881-00	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K	5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u	20 F 10 5% F 10 20 20 20 F 10	0% 6 6 9% 9% 9%	100V 50V 50V 50V 10V 10V 100V
R302 R303 R304 R305 R311 R312 R314 R315 R331	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-807-31 1-247-882-11 1-247-850-11 1-249-430-11 1-247-881-00 1-249-409-11	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K	5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-126-00 1-124-925-11 1-162-294-31 1-162-215-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-807-31 1-247-882-11 1-247-850-11 1-249-430-11 1-249-430-11 1-249-409-11 1-249-433-11	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R403	$\begin{array}{c} 1-249-409-11 \\ 1-249-433-11 \\ 1-247-889-00 \\ 1-247-858-11 \\ \end{array}$ $\begin{array}{c} 1-247-881-00 \\ 1-247-807-31 \\ 1-247-882-11 \\ 1-247-850-11 \\ 1-249-430-11 \\ \end{array}$ $\begin{array}{c} 1-247-881-00 \\ 1-249-439-11 \\ 1-249-433-11 \\ 1-247-889-00 \\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403	1-249-409-11 1-249-433-11 1-247-889-00 1-247-858-11 1-247-807-31 1-247-882-11 1-247-850-11 1-249-430-11 1-249-430-11 1-249-409-11 1-249-433-11	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-807-31\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K 13K	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-807-31\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K 13K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-881-00\\ 1-247-807-31\\ 1-247-882-11\\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 210K 130K 120K 130K	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF	20 F 10 5% F 10 20 20 20 F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\\\ \begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}\\\\ \begin{array}{c} 1-247-881-00\\ 1-249-430-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\\\ \begin{array}{c} 1-247-881-00\\ 1-247-881-11\\ 1-247-881-$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 220K 13K 120K 130K 6. 2K	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653 IC1603	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 8-759-634-51	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF 0. 001u	20 5% F 10 20 20 F 10 5% F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-881-00\\ 1-247-807-31\\ 1-247-882-11\\ \end{array}$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 220K 13K 120K 130K 6. 2K	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W		* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653 IC1603	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51 1-569-113-11	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF 0. 001u	20 5% F 10 20 20 F 10 5% F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-247-881-11\\$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K 13K 120K 130K 120K 120K 130K	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653 IC1603	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51 1-569-113-11	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF 0. 001u	20 5% F 10 20 20 F 10 5% F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405 R411 R412 R414 R415 R431	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}$ $\begin{array}{c} 1-247-881-00\\ 1-247-881-11\\ 1-247-881-$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 270K 13K 120K 130K 120K 120K 120K 120K 120K 120K 120K 12	55% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F	* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653 IC1603	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51 1-569-113-11	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF 0. 001u	20 5% F 10 20 20 F 10 5% F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V
R302 R303 R304 R305 R311 R312 R314 R315 R331 R401 R402 R403 R404 R405	$\begin{array}{c} 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-247-882-11\\ 1-247-882-11\\ 1-247-850-11\\ 1-249-430-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-249-409-11\\ 1-249-433-11\\ 1-247-889-00\\ 1-247-858-11\\ \end{array}\\ \begin{array}{c} 1-247-881-00\\ 1-247-881-11\\$	CARBON	220 22K 270K 13K 120K 100 130K 6. 2K 12K 120K 220 22K 13K 120K 130K 120K 130K 120K 120K 120K 120K 120K 120K 120K 12	5% 55% 55% 55% 55% 55% 55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F F	* C1637 C1638 C1639 C1640 C1646 C1647 C1650 C1651 C1652 C1653 IC1603	1-654-620-11 1-124-925-11 1-162-294-31 1-162-215-31 1-162-294-31 1-124-126-00 1-124-925-11 1-162-294-31 1-162-294-31 1-162-294-31 8-759-634-51 1-569-113-11	MIC BOARD (N350F************************************	2. 2uF 0. 001u 47PF 0. 001u 47uF 47uF 2. 2uF 0. 001u 47PF 0. 001u	20 5% F 10 20 20 F 10 5% F 10	0% 6 7% 9% 9%	100V 50V 50V 50V 10V 10V 100V 50V

The components identified by mark
⚠ or dotted line with mark ⚠ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Descript	ion			Remark
		< RESISTOR >					C511	1-124-257-00	EI ECT		2. 2uF	20%	50V
		/ KESISION /					C511	1-162-286-31			2. 2ur 220PF	10%	50V
R1638	1-249-429-11	CARBON	10K	5%	1/4W		C513	1-162-286-31			220PF	10%	50V
	1-249-417-11		1K	5%	1/4₩	F	C515	1-124-257-00			2. 2uF	20%	50V
	1-249-441-11		100K		1/4₩	•	C601	1-124-589-11			47uF	20%	16V
	1-249-417-11		1K	5%	1/4W	F		1 121 000 11	22201			, =0.0	
	1-249-433-11		22K	5%	1/4W		C602	1-162-282-31	CERAMIC		100PF	10%	50V
	1 2.0 .00 11				-,		C604	1-162-306-11			0. 01uF	20%	16V
R1650	1-249-429-11	CARBON	10K	5%	1/4W		C605	1-162-306-11	CERAMIC		0. 01uF	20%	16V
	1-249-417-11		1K	5%	1/4W	F	C606	1-126-177-11	ELECT		100uF	20%	10V
	1-249-441-11		100K	5%	1/4W		C607	1-162-306-11	CERAMIC		0. 01uF	20%	16V
	1-249-417-11		1K	5%	1/4W	F							
R1654	1-249-433-11	CARBON	22K	5%	1/4W		C609	1-126-157-11	ELECT		10uF	20%	16V
							C675	1-124-261-00	ELECT		10uF	20%	50V
R1655	1-249-429-11	CARBON	10K	5%	1/4W								
R1657	1-249-429-11	CARBON	10K	5%	1/4W				< CONNEC	TOR >			
******	******	**********	*****	****	******	******	* CN601	1-568-834-11	SOCKET,	CONNECTO	R 15P		
	1-638-731-11	OPEN/UP SW BOAR	D						< DIODE	>			
		******	*										
							D503	8-719-987-63		1N4148M			
		< CONNECTOR >					D507	8-719-987-63		1N4148M			
							D511	8-719-987-63		1N4148M			
* CN705	1-566-214-11	PIN, CONNECTOR	(PC BO	ARD)	2P		D515	8-719-987-63		1N4148M			
							D530	8-719-987-63	DIODE	1N4148M			
		< SWITCH >					חרמו	0 710 007 69	DIODE	1 1 4 1 4 0 14			
0700	1 551 000 01	CHITCH DOTADY	(ODEN	(IID)			D531	8-719-987-63		1N4148M			
S702	1-571-300-21	SWITCH, ROTARY	(UPEN/	UP)			D532	8-719-987-63		1N4148M			
also also also also also also also also			* * * * * *	. 4 4 4 4			D533 D600	8-719-987-63 8-719-987-63		1N4148M 1N4148M			
*****	*******	***********	*****	*****	****	****	D600 D617	8-719-046-46		SEL52213	THRE	(D EIIE)	•
*	A-4377-067-A	PANEL BOARD, CO	MPLETE	(N35	n.aep i	IK G IT)	1 2017	0 113 040 40	DIODE	OLLUGA IX	11101	(I.FILL)	
T	n torr out n	*******					D618	8-719-046-46	DIODE	SEL52215	-TH8F	(DANCE/5)	
							D619	8-719-046-46				(CLASSIC/	4)
*	A-4377-094-A	PANEL BOARD, CO	MPLETE	(D56	SO/N350:	CND)	D620	8-719-046-46		SEL52215			-/
•		********		•			D621	8-719-046-46		SEL52213			
							D622	8-719-046-46		SEL52213			
*	A-4377-106-A	PANEL BOARD, CO	MPLETE	(N35	50:E, AUS	S, MX, AR)							
		********					D623	8-719-046-35	DIODE	SEL5921/	-TH8F	(NN)	
							D624	8-719-046-42	DIODE	SEL54211			
*	A-4377-132-A	PANEL BOARD, CO	MPLETE	(N35	50K)		D625	8-719-046-42	DIODE	SEL54211	-TH8F	(△)	
		*********	*****	****	******	******	D626	8-719-046-43	DIODE	SEL54211	-TP15	(TUNER/BAI	ND)
):CND, AEP,	
*		CUSHION (FL)					D626	8-719-052-22	DIODE			TUNER/BANI	
*	4-969-681-11	HOLDER, FL TUBE								(Na	850:E, Al	JS, MX, AR, 1	PX/N350K)
		< CAPACITOR >					D627	8-719-046-43	DIODE	SEL54211	E-TP15	(TUNER/BAI	ND)
												:CND, AEP,	•
C500	1-162-306-11	CERAMIC	0.01u	ıF	20%	16V	D627	8-719-052-22	DIODE	SEL58420	C-TP (1	TUNER/BANI	D)
C501	1-162-306-11	CERAMIC	0. 01u	ıF	20%	16V				(N3	350:E, Al	JS, MX, AR, I	PX/N350K)
C502	1-126-157-11		10uF		20%	16V	D628	8-719-046-46	DIODE	SEL52213	G-TH8F	(KEY CONTI	•
C503	1-124-257-00		2. 2uF		20%	50V							(N350K)
C504	1-162-303-11	CERAMIC	0.003	3uF	20%	16V	D629	8-719-010-12		UZ-2. 7B9			
		000 1117 0			000/	1011	D630	8-719-010-12	DIODE	UZ-2. 7BS	6		
C505	1-162-303-11		0.003		20%	16V		0 710 004 00	D1000	11000			
C506	1-126-157-11		10uF		20%	16V	D634	8-719-024-99		11ES2-N7	AZB		
C507	1-124-257-00		2. 2uF		20%	50V	D651	8-719-987-63		1N4148M	. m	(a n n n ·)	
C508	1-162-294-31		0.001		10%	50V	D652	8-719-046-46	DIODE	SEL52215	-TH8F	(REC)	
C509	1-162-294-31	CERAMIC	0.001	ur	10%	50V	I						

PANEL

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
		< FLUORESCEN	T INDICAT	ORR >			R613	1-249-410-11		270	5%	1/4W	
FL601	1-517-341-11	INDICATOR TU	BE, FLUOR	ESCENT			R614	1-249-408-11	CARBON	180	5%	1/4₩	F
		. IC \					R615	1-249-409-11		220	5%	1/4W	F
		< IC >					R616 R617	1-249-411-11 1-249-413-11		330 470	5% 5%	1/4W 1/4W	17
IC501	8-759-634-51	IC M5218AP					R618	1-249-414-11		560	5%	1/4W	F F
	8-759-634-51						R619	1-249-416-11		820	5%	1/4W	
IC602	8-749-922-36	IC GP1U50X	В									-,	-
IC608	8-752-862-43	IC CXP8261	2-006Q				R620	1-249-418-11		1. 2K		1/4W	F
							R621	1-249-420-11		1. 8K		1/4₩	
		< COIL >					R622	1-249-423-11		3. 3K		1/4W	F
L601	1-410-509-11	INDUCTOR	10uH				R623 R624	1-249-427-11 1-249-419-11		6. 8K 1. 5K		1/4W	F
L001	1-410-303-11	INDUCTOR	Touri				K024	1-249-419-11	CARDON	1. JN	3 76	1/4W	r
		< TRANSISTOR	>				R625	1-247-811-31	CARBON	150	5%	1/4W	
							R626	1-249-410-11		270	5%	1/4W	
Q601	8-729-422-57		UN4111				R627	1-249-408-11		180	5%	1/4W	F
Q602	8-729-422-57		UN4111				R628	1-249-409-11		220	5%	1/4W	F
Q608 Q609	8-729-900-63 8-729-119-78		DTA124ES 2SC2785-I				R629	1-249-411-11	CARBON	330	5%	1/4W	
6 009	0-129-119-10	NOISIGNANI	(N350:E, I		AR PY	/N350K)	R630	1-249-413-11	CARRON	470	5%	1/4W	D.
Q610	8-729-900-63	TRANSISTOR	DTA124ES			(NOOON)	R631	1-249-414-11		560	5%	1/4W	F
4010	0 120 000 00		J	(1.0001	•,		R632	1-249-416-11		820	5%	1/4W	F
Q611	8-729-422-57	TRANSISTOR	UN4111				R633	1-249-418-11		1. 2K	5%	1/4W	F
			(N350:E, A	AUS, MX,	AR, PX	/N350K)	R634	1-249-420-11	CARBON	1.8K	5%	1/4W	
Q612	8-729-900-80	TRANSISTOR	DTC114ES		ID DV	(NOTOU)	2005	1 040 400 11	A L D D O L				_
Q616	8-729-119-76	TDANCICTOD	(N350:E, A 2SA1175-H		AK, PX/	/N35UK)	R635	1-249-423-11		3. 3K		1/4W	
Ø010	0-129-119-10	NOISIGNANI	2041110-I	nre			R636 R637	1-249-427-11 1-249-419-11			5% 5%	1/4W 1/4W	
		< RESISTOR >					R650	1-249-419-11			5%	1/4W	
							R651	1-247-811-31		150	5%	1/4W	•
R500	1-249-435-11	CARBON	33K	5%	1/4₩							-,	
R501	1-249-441-11		100K		1/4W		R652	1-249-410-11	CARBON	270	5%	1/4W	F
R502	1-247-895-00				1/4W		R653	1-249-408-11		180	5%	1/4₩	
R504	1-249-435-11		33K		1/4W		R654	1-249-409-11		220	5%	1/4W	F
R505	1-249-441-11	CARBON	100K	5%	1/4W		R655	1-249-411-11		330	5%	1/4W	_
R506	1-247-895-00	CARRON	470K	5%	1/4W		R656	1-249-413-11	CARBON	470	5%	1/4W	F
R508	1-249-435-11		33K		1/4W		R657	1-249-414-11	CARRON	560	5%	1/4W	F
R509	1-249-441-11		100K		1/4W		R658	1-249-416-11		820	5%	1/4W	
R510	1-247-895-00	CARBON	470K		1/4W		R659	1-249-418-11			5%	1/4W	
R512	1-249-435-11	CARBON	33K	5%	1/4W		R660	1-249-420-11	CARBON	1.8K	5%	1/4₩	F
R513	1-249-441-11	CADDON	100K	EQ	1 / AW		DCC1	1 040 400 11	CADDON	0.017	r0/		(N350K)
R513	1-249-441-11		470K		1/4W 1/4W		R661	1-249-423-11	CARBON	3. 3K	5%	1/4W	_
R514	1-249-437-11		47K		1/4W								(N350K)
R517	1-249-437-11				1/4W		R662	1-249-427-11	CARBON	6. 8K	5%	1/4W	F
R518	1-249-437-11		47K		1/4W		NOOD	1 010 101 11	Childon	0. 011	<i>57</i> 0		(N350K)
							R663	1-247-903-00	CARBON	1M	5%	1/4₩	,,
R519	1-249-437-11		47K		1/4W	_	R664	1-247-807-31		100	5%	1/4₩	
R553	1-249-408-11				1/4W		R665	1-247-807-31		100	5%	1/4W	_
R554 R556	1-249-421-11 1-249-437-11				1/4W 1/4W	r	R666	1-249-413-11	CARBON	470	5%	1/4W	F
1000	1-240-401-11	CARBON	(N350:E, A			(N350K)	R667	1-247-807-31	CARRON	100	5%	1/4W	
R609	1-249-429-11	CARBON			1/4W		R668	1-247-807-31		100		1/4W	
			*				R669	1-247-807-31		100		1/4W	
R610	1-249-429-11				1/4W		R682	1-249-408-11				1/4W	F
R611	1-249-419-11		1.5K		1/4W	F	R683	1-249-412-11				1/4W	
R612	1-247-811-31	CARBON	150	5%	1/4W	j							

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	on .	Remark
R684	1-249-410-11	CARBON 270 5% 1,	/4W F	S620	1-554-303-21	SWITCH, TA	ACTILE (TUNING +)	
R685	1-249-410-11		/4W F	S621			ACTILE (TUNING MODE)	
R686	1-249-410-11		/4W F	S622			ACTILE (TUNING MEMORY)	
R687	1-249-429-11	CARBON 10K 5% 1,	/4W					
		(N350:E, AUS, MX, A		S623			ACTILE (DISPLAY)	
R688	1-249-410-11	CARBON 270 5% 1,	/4W F	S624			ACTILE (ENTER/NEXT)	
				S625			ACTILE (CLOCK SET)	
R689	1-249-410-11	CARBON 270 5% 1	/4W F	S626	1-554-303-21			
		(N350:E, AUS, MX, A	R, PX/N350K)	S627	1-554-303-21	SWITCH, TA	ACTILE (DAILY)	
R690	1-249-410-11		/4W F					
R691	1-249-410-11		/4W F	S628			ACTILE (TIMERSET)	
		(N350:E, AUS, MX, A)		S642			ACTILE (SYSTEM POWER)	
R692	1-249-413-11	CARBON 470 5% 1	/4W F	S643			ACTILE (SLEEP)	
5000	1 040 400 11	CARRON 10V 5W 1	(N350K)	S644			ACTILE (ROCK/1)	
R693	1-249-429-11	CARBON 10K 5% 1,	/4W	S645			ACTILE (POPS/2)	
DCOE	1 240 421 11	CARBON 2. 2K 5% 1	/4W F	S646 S647			ACTILE (JAZZ/3) ACTILE (CLASSIC/4)	
R695 R696	1-249-421-11 1-247-807-31		/4m r /4W	3041	1-554-505-21	Switten, 17	HCTILE (CLASSIC/4)	
R697	1-247-807-31		/4m /4W	S648	1-554-303-21	SWITCH TA	ACTILE (DANCE/5)	
R703	1-249-429-11		/4W	S649			ACTILE (EQ MEMORY)	
R704	1-249-429-11		/4W	S650			ACTILE (P. FILE)	
	1 010 100 11		,	S651			ACTILE (REC)	
R710	1-249-429-11	CARBON 10K 5% 1	/4W	S652			ACTILE (# UP)(N350K)	
R711	1-249-429-11		/4W				, , ,	
R712	1-249-429-11	CARBON 10K 5% 1,	/4W	S653	1-554-303-21	SWITCH, TA	ACTILE (b DOWN) (N350K)	
		(D560/N350:CND, A		S654	1-554-303-21	SWITCH, TA	ACTILE (KARAOKE PON/MPX)	(N350K)
R713	1-249-429-11		/4W					
		(D560/N350:CND, A)				< VIBRATOR	₹ >	
R773	1-249-429-11	CARBON 10K 5% 1	/4W			*******	Amp. 11.70 (11.71)	
500		CARRON 10V 5W 1	/ 4377	X601	1-567-819-11	VIBRATOR,	CERAMIC (4MHz)	
R774 R778	1-249-429-11 1-249-429-11		/4W /4W				********	***
R779	1-249-429-11	-	/ 4₩	*******	****	****	********	****
	1 010 100 11	2011 070 17	, -"	*	1-654-654-11	POWER BOAR	RD (N350:AEP, UK, G, IT)	
		< VARIABLE RESISTOR >				*******		
RV601	1-467-869-11	ENCODER, ROTARY (VOLUME)		*	1-654-651-11			
		ORITMON				********		(*****
		< SWITCH >				(D560/	/N350:CND, E, AUS, MX, AR, PX	/N350K)
0000	1 554 202 21	CHITCH TACTUE (A)			1 500 017 01	HOLDED BI	ICE	
S603 S604		SWITCH, TACTILE (▲) SWITCH, TACTILE (▼)			1-533-217-31	HULDER, FU	JSE	
S605		SWITCH, TACTILE (DBFB)				< FUSE >		
S606		SWITCH, TACTILE (SURROUND)				(100D)		
S607		SWITCH, TACTILE (FUNCTION)		∕NF1901	1-532-299-00	FUSE (T5A	250V)	
		, , , , , , , , , , , , , , , , , , , ,				((N350:E, AUS, MX, AR, PX	/N350K)
S608	1-554-303-21	SWITCH, TACTILE ([[])		♠ F1901	1-532-350-00	FUSE (T4A	250V) (N350: AEP, UK, G, IT)	
S609		SWITCH, TACTILE ()		⚠ F1902	1-532-299-00	FUSE (T5A	250V)	
S610		SWITCH, TACTILE (►►)					(N350:E, AUS, MX, AR, PX	
S611		SWITCH, TACTILE (⚠ F1902	1-532-350-00	FUSE (T4A	250V) (N350: AEP, UK, G, IT)	
S612	1-554-303-21	SWITCH, TACTILE (<✓)				4 DD01000		
0010	1 554 202 21	CWITCH TACTUE (~)				< RESISTOR	⟨ >	
S613 S614		SWITCH, TACTILE (▷) SWITCH, TACTILE (HIGH SPEED D	IIRRING)	A P1001	1-217-637-00	TICIDI E	1 5% 1/4W	D.
S615		SWITCH, TACTILE (CD SYNCRO)	ODDING)	77V1301	1.217 037 00	TUSTDLL	(N350: AEP, U	
S616		SWITCH, TACTILE (€)		∕NR1901	1-219-122-91	FUSTBLE	0.33 5% 1/4W	
S617		SWITCH, TACTILE (>)				- 00-200	(N350:E, AUS, MX, AR, PX	
				⚠ R1901	1-219-139-11	FUSIBLE	0.68 5% 1/4W	
S618		SWITCH, TACTILE (TUNER/BAND)					(D560/N3	
S619	1-554-303-21	SWITCH, TACTILE (TUNING -)		1				-
			1	[*	
					onents identified ed line with ma	by mark	Les composants identifiés parque sont critiques	par une
				critical for			sécurité.	i
					only with part	number	Ne les remplacer que par un	e piéce
				specified.			portant le numéro spécifié.	

POWER AMP

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	<u>on</u>	Remark
∆ R1902	1-219-119-81	FUSIBLE	0.1 5%	1/4W	1			< CONNECT	OR >	
		(D560/N350:0	CND, E, AUS,	MX, AR, P	X/N350K)					
∆\ R1902	1-219-136-11	FUSIBLE	0. 22 5% (N3	1/4W 50:AEP,	UK, G, IT)		1-564-518-11 1-564-511-11			
⚠ R1903	1-219-119-81	FUSIBLE (D560/N350:0	0.1 5%	1/4\ MY AD D				< DIODE >		
⚠ R1903	1-219-136-11		0. 22 5%	1/4₩		D1201	8-719-815-85	DIODE 1	S1585 (D560/N350:C	ND)
. •			(N3	50: AEP,	UK, G, IT)	D1201	8-719-987-63		N4148M P, UK, E, AUS, MX, AR, P.	Y G IT/NRSOK)
******	******	******	******	*****	*****		8-719-987-63	DIODE 1	N4148M	
*	A-4377-077-A	POWER AMP BOARD,	COMPLETE				8-719-815-85 8-719-987-63	DIODE 1	S1585 (D560/N350:C N4148M	ND)
Į.		*******	*******		5>				P, UK, E, AUS, MX, AR, P.	X, G, IT/N350K)
			(N3	50: AEP,	UK, G, IT)			< IC >		
*	A-4377-077-A	POWER AMP BOARD,				*****	0.740.000.04	7.0 OM17	4100000	
		******	*******		(350:CND)	1C1201	8-749-900-34	IC STK-	4182MK2 (N350:E, AUS, MX)	. AR. PX/N350K)
		DOWNER 4440 DO400	COLUDI DEED	•	,		8-749-900-96		4142MK2 (N350:AEP,	UK, G, IT)
*	A-4311-U11-A	POWER AMP BOARD, **********				101201	8-749-921-68	IC SIK-	4231MK2 (D560/N350	:CND)
		(N	350:E, AUS,	MX, AR, P	X/N350K)			< TRANSIS	TOR >	
		< CAPACITOR >				Q1201	8-729-140-84	TRANSISTO		
C1201	1-124-927-11	FIFCT	4. 7uF	20%	100V	Q1251	8-729-140-84	TRANSISTO	R 2SC1841-PAFAEA	
C1202	1-162-284-31	CERAMIC	150PF	10%	50V			< RESISTO	R >	
	1-162-286-31		220PF 47uF	10% 20%	50V	D1201	1-249-417-11	CADDOM	17 50	1 / AW 15
	1-124-126-00 1-124-910-11		47uF	20%	10V 50V		1-249-417-11		1K 5% 56K 5%	1/4W F 1/4W
							1-249-414-11		560 5%	1/4W F
C1206	1-124-122-11	(N350: AEP, UK, E,	100uF AUS. MX. AR	20% . PX. G. T	50V T/N350K)		1-249-438-11 1-249-425-11		56K 5% 4.7K 5%	1/4W 1/4W F
C1206	1-124-929-11		22uF	20%	100V			0		: AEP, UK, G, IT)
C1208	1-124-916-11	ELECT	22uF	(D560/N 20%	350:CND) 50V	R1205	1-249-427-11	CARBON	6.8K 5%	1/4W F
C1210	1-137-375-11	FILM	0.068uF	5%	50 V				(N350:E, AUS, MX	, AR, PX/N350K)
C1211	1-137-375-11	FILM	0. 068uF	5%	50V	R1205	1-249-429-11	CARBON	10K 5%	1/4W 560/N350:CND)
	1-126-925-11		470uF	20%	10V	R1206	1-249-425-11	CARBON	4.7K 5%	1/4W F
C1245	1-164-159-11	CERAMIC	0. 1uF	(D560/N	50V 350:CND)	R1206	1-249-427-11	CARBON	(N350 6.8K 5%	:AEP, UK, G, IT) 1/4W F
	1-124-927-11		4. 7uF	20%	50V				(N350:E, AUS, MX,	, AR, PX/N350K)
	1-162-284-31 1-162-286-31		150PF 220PF	10% 10%	50V 50V	K1206	1-249-429-11	CARBON	10K 5%	1/4W 560/N350:CND)
01054	1 104 100 00	PI POT	47D	000		D1007	1 040 405 11	CADDON		·
	1-124-126-00 1-124-910-11		47uF 47uF	20% 20%	10V 50V	KIZUI	1-249-425-11	CARBON	4.7K 5% (N350	1/4W F : AEP, UK, G, IT)
C1256	1-124-122-11		100uF	20%	50V	R1207	1-249-427-11	CARBON	6.8K 5%	1/4W F
C1256	1-124-929-11	(N350: AEP, UK, E, ELECT	22uF	, PA, G, 1 20%	100V	R1207	1-249-429-11	CARBON	(N350:E, AUS, MX, 10K 5%	, AK, PX/N35UK) 1/4\
01000	1 107 075 11	EIIN			350:CND)	D1000	1 040 405 11	CADDON	•	560/N350:CND)
C1260	1-137-375-11	FILM	0. 068uF	5%	50V	K12U8	1-249-425-11	CARBON	4. 7K 5% (N350	1/4W F : AEP, UK, G, IT)
	1-137-375-11		0. 068uF	5%	50V	R1208	1-249-427-11	CARBON	6.8K 5%	1/4W F
C1295	1-164-159-11	CERAMIC	0. 1uF	(D560/N	50V 350:CND)				(N350:E, AUS, MX,	ak, px/N350K)
				,		R1208	1-249-429-11	CARBON	10K 5%	1/4W
										560/N350:CND)
							onents identifie ted line with ma		Les composants ide marque Λ sont cri	
						critical for			sécurité. Ne les remplacer que	
						specified.	only with par	t numbel	portant le numéro spe	

POWER AMP POWER PRIMARY

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description			<u> </u>	Remark
	1-212-881-11 1-208-601-11		100 0. 1	5% 10%	1/4W 2W	F F 50:CND)	R1257	1-249-425-11	CARBON	4. 7K	5% : (N350:	1/4₩ I AEP, UK,	
△ R1210	1-208-602-11		0. 22	10%	2W	F	R1257	1-249-427-11	CARBON		5% :		
R1211	1-249-417-11	(N350: AEP, UK, E CARBON	, AUS, M. 1K	x, ar, f 5%	7X, G, IT. 1/4₩		R1257	1-249-429-11	CARBON	(N350:E, 10K	5%	AR, PX/1 1/4\ 60/N350	
R1212	1-249-433-11	CARBON	22K	5%	1/4W	50:CND)	R1258	1-249-425-11	CARBON	4.7K	5%	1/4W H	F
R1212	1-249-431-11	CARBON (N350: AEP, UK, E	15K	5%	1/4W	,	R1258	1-249-427-11	CARBON	6. 8K		1/4W H	F
	1-249-441-11 1-249-421-11	CARBON	100K 2. 2K	5% 5%	1/4W 1/4W	F	R1258	1-249-429-11	CARBON	(N350:E, 10K	5%	AR, PA/1 1/4\ 60/N350	
R1214	1-249-424-11		3. 9K	5%	1/4W		1 ^	1-212-881-11 1-208-601-11		100 0. 1	10%	1/4W H 2W H 60/N350	F
R1215	1-249-421-11	CARBON (N350: AEP, UK, E,	2. 2K AUS, M		1/4W PX. G. IT.		△ R1260	1-208-602-11	WIREWOUND (N350:AEP, U	0. 22 IK. E. AUS. M	10%	2W I	F
R1215	1-249-424-11		3. 9K	5%	1/4W			1-249-417-11 1-249-431-11	CARBON	1K 15K	5%	1/4W F 1/4W	
R1216	1-249-421-11	CARBON (N350: AEP, UK, E,	2. 2K	5% `	1/4W	F	11202	1 210 101 11	(N350: AEP, U				N350K)
R1216	1-249-424-11		3. 9K	5%	1/4W		R1262	1-249-433-11	CARBON	22K		1/4W 60/N350	O.CND\
R1217	1-249-421-11	CARBON (N350: AEP, UK, E,	2. 2K AUS, M	5%	1/4W	F	R1268	1-249-441-11 1-249-397-11 1-249-397-11	CARBON	100K 22 22	5% I	00/N350 1/4W 1/4W F	F
R1217	1-249-424-11	CARBON	3. 9K		1/4W 0560/N3!	F 50:CND)		******					
R1218	1-249-397-11	CARBON	22	5%	1/4W		*****	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******	*****	*****		*****
	1-249-397-11		22	5%	1/4W	F	*	1-654-694-11	POWER PRIMAR	RY BOARD (N350:AEF	P, UK, G,	TT)
R1228	1-247-881-00	CARBON	120K		1/4W 1: AEP. U	K, G, IT)			********	******			
R1228	1-247-883-00		150K 350:E, A	5%	1/4W	/N350K)	*	1-654-695-11	*******		AUS. MX. /	AR. PX/N	N350K)
R1228	1-247-885-00	CARBON	180K		1/4\ 560/N3	50:CND)		1-533-217-31			,,	,, -	,
R1230	1-249-429-11	CARBON	10K	5%	1/4W	, ,	*	1-560-595-00	•				
	1-249-429-11		10K	5%	1/4W	_			(N350:E, AR,	PX/N350)K:E3, E	EA, SP)
	1-249-383-11 1-249-417-11		1.5 1K	5% 5%	1/6W 1/4W				< CONNECTOR				
			III	<i>37</i> 0	1/4#				CONNECTOR	,			
	1-249-438-11		56K	5%	1/4₩	n	* CN1951	1-580-230-31	PIN, CONNECT	OR (PC BO)	IRD) 2P		
	1-249-414-11 1-249-438-11		560 56K	5% 5%	1/4W 1/4W	r			< FUSE >				
R1255	1-249-425-11	CARBON	4. 7K		1/4W : AEP, U		∕ ∱ F1903	1-576-107-11		125V) (D560)/N350:C	(מאי	
R1255	1-249-427-11		6.8K 350:E, <i>F</i>	5%	1/4W , AR, PX/	F	ш.		< RESISTOR >	, ,	,, 1.00010	,	
R1255	1-249-429-11	CARBON	10K	5% (D	1/4\ 560/N35	20 • CND/	R1900	1-202-725-00	SOLID	3. 3M	10% 1	•) • ('Xi'D')
R1256	1-249-425-11	CARBON	4.7K	5%	1/4W	F	*****	, 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	, , , , , , , , , , , , , , , , , , , 			30/N350	
R1256	1-249-427-11		6.8K	5%	:AEP, UH	F	**********	**********	***********	*********	·	*****	*****
R1256	1-249-429-11			5%	, AR, PX/ 1/4\ 560/N35	0:CND)							
							The compo	onents identified	by mark Les	s composan	ts identi	fiés par	r une

The components identified by mark \triangle or dotted line with mark \triangle are marque \triangle sont critiques pour la Replace only with part number specified.

marque A sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

REGULATOR TABLE MOTOR TC PANEL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Descrip	tion				Remar	<u>k</u>
*	1-654-653-11	REGULATOR BOARD				D613	8-719-052-22	DIODE	SEL5	8420C-TP			/NOF0#	`
		(D560/N350:CND				D614	8-719-046-43	DIODE	SEL5	N350:E 421E-TP1 D560/N	5 (TAPE	E)		
*	1-654-656-11	REGULATOR BOARD (N	N350:AEP,	UK, G, I	T)	D614	8-719-052-22	DIODE	SEL58	8420C-TP (N350:E	(TAPE)			
		< CAPACITOR >						(mp. 1370)	oman		AUS, MA	i, AII, FA	/ Nooun	,
	1-124-443-00			20%	10V			< TRANS		>				
	1-124-907-11 1-124-907-11			20% 20%	50V 50V	Q603 Q604	8-729-900-63 8-729-119-78			DTA124E3	-			
	1-124-443-00			20%	10V					(N350:E,	AUS, MX	, AR, PX	/N350K)
		< IC >				Q615	8-729-119-76	TRANSIST	OR	2SA1175	-HFE			
IC1351	8-759-334-30	IC LA5618						< RESIST	COR >					
						R638	1-247-811-31			150	5%	1/4W		
******	******	************	******	*****	******	R639	1-249-410-11			270	5% 5%	1/4₩		
	1-638-729-11	TABLE MOTOR BOARD				R640 R641	1-249-408-11 1-249-409-11			180 220	5% 5%	1/4W 1/4W		
	1 000 120 11	******				R670	1-249-409-11			220	5%	1/4W		
						-								
		< CAPACITOR >				R671	1-249-409-11			220	5%	1/4₩	F	
C704	1-162-302-11	CERAMIC 0	0022uF	30%	16V	R672	1-249-429-11	CARBON		10K (N350:E,	5%	1/4₩ AP DY	/NSEUK,	١.
0,01	1 100 000 11	0.	oobbar	00%	101	R673	1-249-410-11	CARBON		270	5%	1/4₩		,
		< CONNECTOR >				R674	1-249-410-11	CARBON		270	5%	1/4W		
* CN707	1-573-044-11	SOCKET, CONNECTOR	5P			R675	1-249-410-11	CARBON		(N350:E, 270	AUS, MX 5%	, AR, PX 1/4W)
		< DIODE >				R676	1-249-410-11	CARRON		270	5%	1/4W	E C	
D701	8-719-970-19						1 210 110 11	CHRIDON		(N350:E,				ŧ
Dioi	0-113-310-13							< SWITCH	>					
		< MOTOR >				S629	1 554 202 21	CWI TOU	T 1 CT I	ID (TADE	• • • • • • • • • • • • • • • • • • • •			
M701	A-4353-976-A	MOTOR ASSY (TABLE)				S630	1-554-303-21 1-554-303-21					T)		
						S631	1-554-303-21					D 4)	
		< RESISTOR >				S632	1-554-303-21	SWITCH,				APD III	V C TT)	
R701	1-249-416-11	CARBON 82	0 5%	1/4W	F	S633	1-554-303-21	SWITCH,		(D560/N3 LE (DIRE			n, u, 11)	
******	******	*******	******	*****	******	******	******	******	****	******	*****	*****	*****	ţ
*	1-654-659-11	TC PANEL BOARD *******						MISCELLA ******						
		< CONNECTOR >				8	1-690-113-11	WIRE, FL	AT TY	PE (15 C	ORE) (N	350K)		
. 01011	1 500 040 11	DIN CONTROPOR ION				9	1-590-459-11	WIRE, FL	AT TY	PE (11 C	ORE)	·		
		PIN, CONNECTOR 10P PIN, CONNECTOR 6P				10 83	1-769-665-11							
. CHUIA		in, commetted of			l	104	1-590-458-31 1-533-217-31			1 C (13 C	ORE)			
		< DIODE >			ļ			,						
D611	8-719-046-46	חוחת פרוביייו די	uor (neci	z D)		∆ 111	1-569-007-11	ADAPTER,	CONV		_	0 100 /00	DEOK 5'	
	8-719-046-46		•	•		∆ 112	1-569-008-11	ADAPTER	CONV				350K:E)	
D613	8-719-046-43		•				1 555 566 11							
		(D560,	/N350:CNI	o, aep, u	K, G, IT)		11-575-042-21							
					•									

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.	Les composants identifiés par une marque 🛕 sont critiques pour la sécurité.
Replace only with part number specified.	Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description
△ CNP190)11-575-651-21		DD 1D 0 10 01050V D1	, , , op/			******
		(N35U:A	EP, AR, G, IT/N350K:EA	, MY, SP)			HARDWARE LIST
∕A CNP190	111-696-845-11	CORD, POWER (N	350 · AUS)				*********
		CORD, POWER (N			#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
		FUSE (T5A 250V			#2		SCREW +BVTT 3X6 (S)
			N350:E, AUS, MX, AR, PX	/N350K)	#3		SCREW +BTP 2.6X8 TYPE2 N-S
 ∱F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)		#4	7-621-849-00	SCREW, TAPPING
 F1902	1-532-299-00	FUSE (T5A 250V			#5	7-682-560-04	SCREW +BVTT 4X6 (S)
		(N350:E, AUS, MX, AR, PX	/N350K)			
A D1000	1 500 050 00	DUOD (#44 0501	\		#6		SCREW +BVTT 2.6X6 (S)
			(N350: AEP, UK, G, IT)		#7		SCREW +BTP 2.6X6 TYPE2 N-S
		FUSE (4A 125V) INDICATOR TUBE	•		#8		SCREW +B 2.6X4
		HEAD, MAGNETIC			#9 #10	•	SCREW +B 2.6X3 RING, RETAINING, CAPSTAN
		HEAD, MAGNETIC	•		#10	1-023-521-01	RING, RETAINING, CAFSTAN
200	11 000 001 11	monbile	(NDO) I D) DIGIOD)		#11	7-682-554-04	SCREW +B 3X25
M101	X-4917-523-4	MOTOR ASSY (SP	INDLE)		#12		SCREW +BVTP 3X10 TYPE2 N-S
M102	X-4917-504-1	MOTOR ASSY (SL	ED)		#13		SCREW +PSW 4X8
M701		MOTOR ASSY, RO			#14	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT
M702		MOTOR ASSY, LO			#15	7-621-255-15	SCREW +P 2X3
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOW	N)			
A C1011	1 570 046 91	CWITCH MOITAC	CHANCE		#16		SCREW +BVTP 3X16 TYPE2 N-S
₹721911	1-570-046-21	SWITCH, VOLTAGE	E CHANGE 50:E, AR, PX/N350K:E3	FA CD)	#17	7-685-131-19	SCREW +BTP 2.6X4 TYPE2 N-S
∱ T901	1-427-707-21		OWER (N350: AEP, UK, G				
1 T901		TRANSFORMER, P		''''			
_		•	N350:E, AUS, MX, AR, PX	/N350K)			
 ↑T901	1-427-710-11	TRANSFORMER, PO	OWER (N350:CND)				
 ↑1901	1-427-711-11	TRANSFORMER, PO	OWER (D560)				
*****	****		*******	******			
*****	****	*****	******	******			
	ACCESSORIE	S & PACKING MAT	ERIALS				
	*******	******	*****				
	1-467-060-11	COMMANDED STAT	NDARD (RM-S300L)				
	1-401-303-11), UK, E, AUS, MX, AR, PX	/N350K)			
	1-501-374-11		(N350: AEP, G, IT/N350				
		ANTENNA (FM) (N		,,			
	3-798-246-41	MANUAL, INSTRUC	CTION				
			SH, PORTUGUESE) (N350	: AEP, G)			
		MANUAL, INSTRUC					
	(GER	MAN, ITALIAN, DUT	CH, SWEDISH) (N350:AE	P, G, IT)			
	4-937-945-01	PLATE (TRANSPOR	RT). LOCK				
), UK, E, AUS, MX, AR, PX	/N350K)			
			ATTERY (for RM-S300)				
*		INDIVIDUAL CART		-′			
*	4-971-633-01		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
			TT HE ES MY AD DY	(MOEOK)			

(D560/N350:AEP, G, IT, UK, E2, MX, AR, PX/N350K) 4-973-315-01 CUSHION (N350:CND, E3, AU/N350K:E)

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

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portant le numéro spécifié.

Remark

HCD-D560/N350/N350K

SONY. **SERVICE MANUAL**

US Model HCD-D560

Canadian Model

AEP Model

UK Model

Australian Model

PX Model

HCD-N350

E Model

HCD-N350/N350K

SUPPLEMENT-1

File this supplement with the service manual.

Subject: 1. CORRECTION

- 2. S CURVE CHECK SPECIFICATION CHANGED
- 3. PARTS CHANGED
- 4. MECHANISM DECK CHANGED
- 5. BOARD CHANGED
- 6. MAIN & POWER AMP BOARD CHANGED

(SPM-96037)

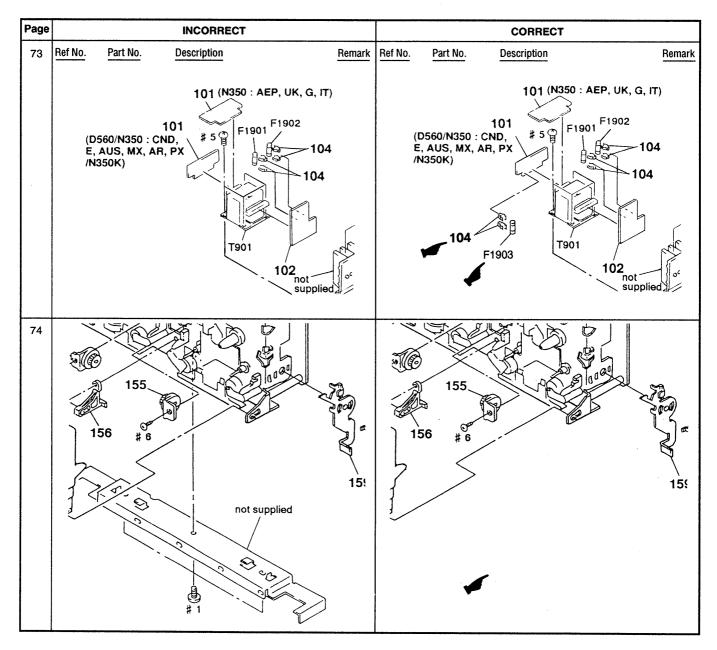
1. CORRECTION

• Correct your service manual as shown below. : indicates corrected portion.

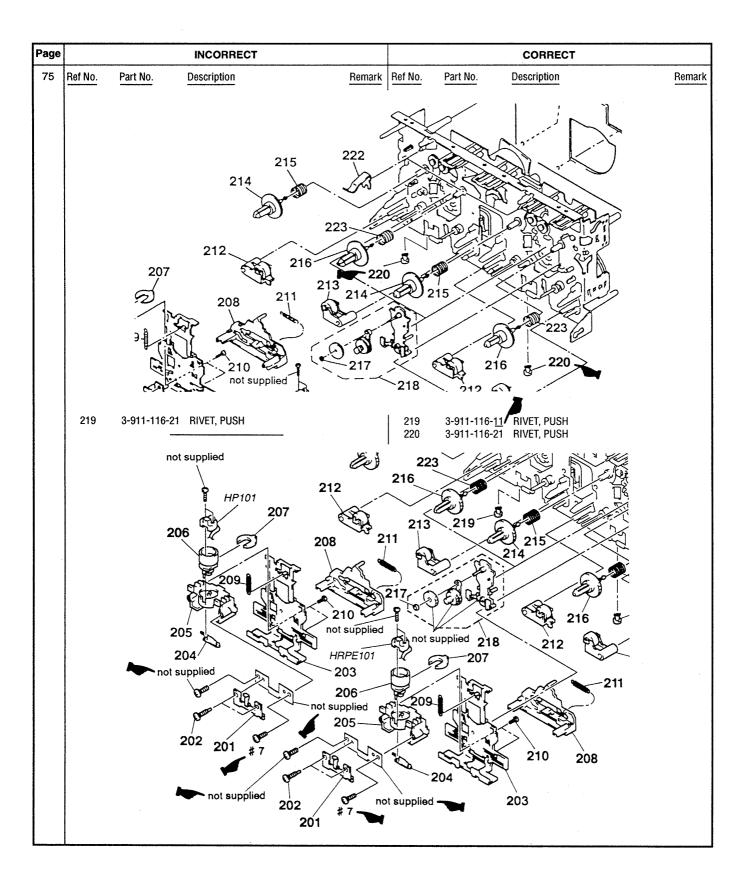
Torque meter CQ-102C CQ-102C CQ-102RC CQ-102RC CQ-102RC CQ-201B CQ-403A CQ-403R	Meter reading 36 to 61 g • cm 2 to 6 g • cm 36 to 61 g • cm 2 to 6 g • cm 61 to 143 g • cm 1kg • cm or more	Torque Measure Torque FWD FWD back tension REV REV back tension FF/REW FWD tension	Torque meter CQ-102C CQ-102C CQ-102RC CQ-102RC CQ-201B CQ-403A	Meter reading 36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-102C CQ-102C CQ-102RC CQ-102RC CQ-201B CQ-403A	36 to 61 g • cm 2 to 6 g • cm 36 to 61 g • cm 2 to 6 g • cm 61 to 143 g • cm 1kg • cm or more	FWD FWD back tension REV REV back tension FF/REW	CQ-102C CQ-102C CQ-102RC CQ-102RC CQ-201B	36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-102C CQ-102RC CQ-102RC CQ-201B CQ-403A	2 to 6 g • cm 36 to 61 g • cm 2 to 6 g • cm 61 to 143 g • cm 1kg • cm or more	FWD back tension REV REV back tension FF/REW	CQ-102C CQ-102RC CQ-102RC CQ-201B	(0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-102RC CQ-102RC CQ-201B CQ-403A	36 to 61 g • cm 2 to 6 g • cm 61 to 143 g • cm 1kg • cm or more	back tension REV REV back tension FF/REW	CQ-102RC CQ-102RC CQ-201B	(0.02 - 0.08 oz • inch) 36 to 61 g • cm (0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-102RC CQ-201B CQ-403A	2 to 6 g • cm 61 to 143 g • cm 1kg • cm or more	REV back tension	CQ-102RC CQ-201B	(0.5 - 0.84 oz • inch) 2 to 6 g • cm (0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-201B CQ-403A	61 to 143 g • cm	back tension FF/REW	CQ-201B	(0.02 - 0.08 oz • inch) 61 to 143 g • cm
CQ-403A	1kg • cm or more			61 to 143 g • cm
		FWD tension	CQ-403A	(0.85 - 1.99 oz • inch)
CQ-403R	1kg • cm or more			100 g or more (3.53 oz or more)
	Tag + cm of more	REV tension	CQ-403R	100 g or more (3.53 oz or more)
CNF AEP, AR, G, I MY, SP mode	TIT P1901 T, EA, BICKNP1901 CNP1901 AUS model	106	103 CH AEP. AR, G MY, SP mo	111 NP1901 IT, EA, del CNP1901 AUS model
	EA, MY, SP n	AUS model EA, MY, SP model CNP1901	CNP1901 AUS model EA, MY, SP model CNP1901	CNP1901 AUS model EA, MY, SP model CNP1901 CNP1901

• Abbreviation

SP : Singapore model MY : Malaysia model AUS : Australian model CND: Canadian model G : German model
IT : Italian model
EA : Saudi Arabia model AR : Argentine model



 Abbreviation
 CND: Canadian model
 G: German model
 IT: Italian model MX : Mexican model
AUS : Australian model
AR : Argentine model



Page	INCORRECT	CORRECT						
77	Ref No. Part No. Description Remark	Ref No. Part No. Description Remark						
	306 307 308 304 309 310 313	306 307 305 309 309 310 311						
84	*** ELECTRICAL PARTS LIST ***	*** ELECTRICAL PARTS LIST ***						
	*** KEY CON BOARD (N350K) ***	*** KEY CON BOARD (N350K) ***						
		C1445 1-136-165-00 FILM 0.1uF 5% 50V C1446 1-136-165-00 FILM 0.1uF 5% 50V C1447 1-136-165-00 FILM 0.1uF 5% 50V						
	X1101 1-567-927-11 VIBLATOR, CERAMIC	X1101 1-567-927-11 VIBLATOR, CERAMIC (16MHz)						
89	*** MAIN BOARD *** IC1051 8-759-333-93 IC TMP87CP64F-6254	*** MAIN BOARD *** IC1051 8-759- <u>354-84</u> IC TMP87CP64F-6298						
94	*** MIC BOARD (N350K) ***	*** MIC BOARD (N350K) ***						
00	ANA DOMED DOMEST STATE OF THE	* CN1601 1-568-954-11 PIN, CONNECTOR 5P						
99	*** POWER PRIMARY BOARD ***	*** POWER PRIMARY BOARD ***						
	△ F1903 1-576-107-11 FUSE (3.15A 125V)(D560/N350: CND)	△F1903 1-576-108-11 FUSE (4A 125V)(D560/N350: CND)						
	R1900 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)	<u>↑ R1900</u> 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)						
100	*** ACCESSORIES & PACKING MATERIALS ***	*** ACCESSORIES & PACKING MATERIALS ***						
	1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT/N350: G,IT)	1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT)						

• Abbreviation

CND: Canadian model
G: German model
IT: Italian model

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

ELECTRICAL ADJUSTMENT CORRECTION

• Correct your service manual as shown below.

: indicates corrected portion

DECK SECTION

- Page 12 -

- 1. Demagnetize the record/playback head with a head damagnetizer.
- 2. Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.
- The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
- 6. The adjustments should be performed for both L-CH and R-CH.
- 7. Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch : OFF (Except E model)

Таре	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Tape Speed Adjustment (Deck A)

- Page 13 -

Note: Start the Tape Speed adjustment as below after setting the test mode.

The tape speed can be changed with the HIGH SPEED DUBBING button during the test mode.

Method:

- 1. Turn the power switch on.
- Press the DISPLAY button, FUNCTION button and POPS/2 button simultaneously.

Playback Level Adjustment (Deck A, Deck B)

Procedure:

Mode: Playback

test tape P-4-L300
(315Hz, odB)

| level meter
| main board | 777
| CN903 Pin ③ (L-CH)
| Pin ① (R-CH)

Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH)

so that adjustment within the following adjustment level.

Adjustment level:

CN903 playback level: 301.5 to 338.3 mV (-8.2 to -7.2 dB) level difference between the channels: within ± 0.5 dB

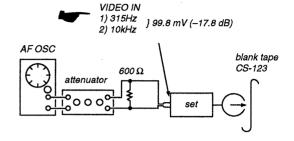
Adjustment Location: MD board

Record Bias Adjustment (Deck B)

- Page 14 ---

Procedure:

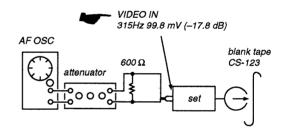
- 1. Press FUNCTION button to select VIDEO.
- 2. Mode: record



Record Level Adjustment (Deck B)

Procedure:

- 1. Press FUNCTION button to select VIDEO.
- 2. Mode: record



TUNER SECTION

-- Page 15 --

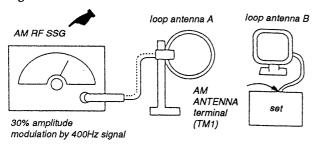
Note: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tunerd Level Adjustment

Note: FM Tuned Level adjustment should be performed after this AM Tuned Level Adjustment.

Band: AM

Setting:



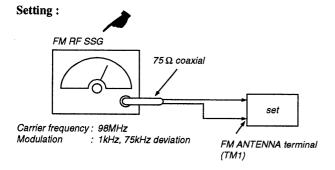
Procedure:

- Set loop antenna A so that the loop antenna B input level becomes 316 μV (50 dBμ/m).
- 2. Tune the set to 1050kHz.
- 3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location: main board

FM Tuned Level Adjustment

Band: FM



Procedure:

- 1. Supply a 17.8 μV (25dB μ) 98 MHz signal from the ANTENNA terminal.
- 2. Tune the set to 98 MHz.
- 3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location: main board

 Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

SW OSC Voltage Adjustment

(Saudi Arabia Model Only) BAND SELECT: SW

Procedure:

- 1. Connect the VOM to JW11.
- 2. Tune the set to 5.95MHz.
- 3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
- 4. Tune the set to 17.90MHz.
- 5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

(Saudi Arabia Model Only) BAND SELECT : SW

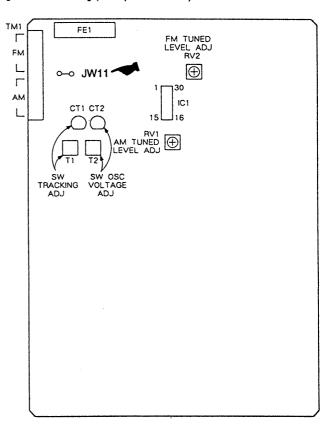
Procedure:

- 1. Connect the VOM to speaker terminal.
- 2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

Adjustment Location: main board

[MAIN BOARD] (Component Side)

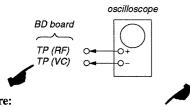


CD SECTION

— Page 16 —

Adjustment Location:

Focus Bias Adjustment

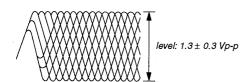


Procedure:

- 1. Connect oscilloscope to test point TP (RF).
- 2. Turned Power switch on.
- 3. Put disc (YEDS-18) in and playback.
- Adjust RV101 so that the waveform is clear. (Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.)
- 5. After adjustment, check the RF signal level.

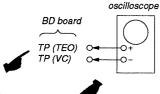
• RF signal

VOLT/DIV: 200 mV TIME/DIV: 500 nS



E-F Balance Check

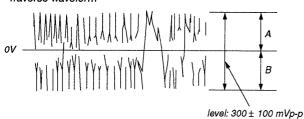




Procedure:

- 2. Connect oscilloscpe to test point TP (TEO).
- 3. Turned Power switch on.
- 4. Put disc (YEDS-18) in and playback.
- 5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

Traverse waveform

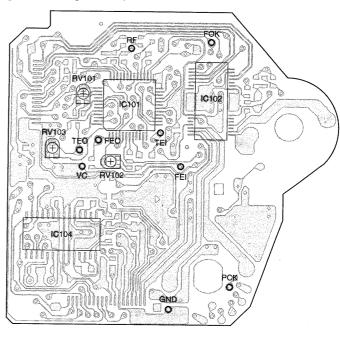


Specified level: • $\frac{A-B}{2(A+B)}$ x 100 = less than $\pm 7\%$

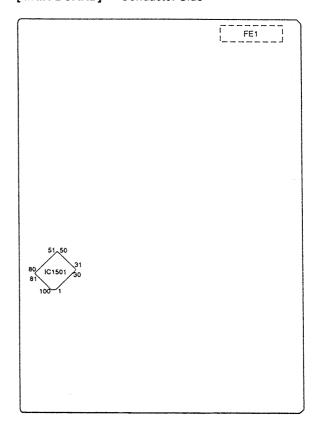
• $A + B = 300 \pm 100 \text{ mVp-p}$

6. Remove the lead wire connected in step 1.

[BD BOARD] — Component Side —



[MAIN BOARD] — Conductor Side —



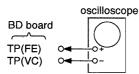
2. S CURVE CHECK SPECIFICATION CHANGED

The value of mounted parts of the BD board has changed due to improvements. Following this change, the S Curve check values have also changed as follows.

: indicates changed portion

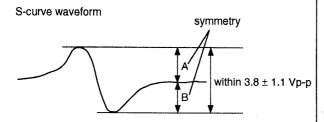
Ref No.		FOF	RMER				NEW						
	Part No.	Description			Remark	Part No.	Description			Remark			
		*** BD BOAF	RD, COMPLET	E ***			*** BD BOARD, COMPLETE ***						
C116	1-163-143-00	CERAMIC CHIP	0.0012µF	5%	50V	1-163-016-00	CERAMIC CHIP	0.0039µF	10%	50V			
C118	1-163-038-91	CERAMIC CHIP	0.1μF		25V	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V			
R105	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K [*]	5%	1/10W			
R106	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W			
R107	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W			
R108	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W			
R112	1-216-077-00	METAL CHIP	15K	5%	1/10W	1-216-083-00	METAL CHIP	27K	5%	1/10W			
R113	1-216-077-00	METAL CHIP	15K	5%	1/10W	1-216-083-00	METAL CHIP	27K	5%	1/10W			
R117	1-216-093-00	METAL CHIP	68K	5%	1/10W	1-216-069-00	METAL CHIP	6.8K	5%	1/10W			
R119	1-216-121-00	METAL CHIP	1M	5%	1/10W	1-216-089-91	METAL CHIP	47K	5%	1/10W			
R153	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-082-00	METAL CHIP	24K	5%	1/10W			
R156	1-216-081-00	METAL CHIP	22K	5%	1/10W	1-216-085-00	METAL CHIP	33K	5%	1/10W			





Procedure

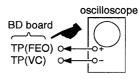
- 1. Connect oscilloscope to test point TP (FEO).
- 2. Connect between test point TP (FOK) and GND by lead 2.
- 3. Turn Power switch on.
- 4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
- Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8±1.1 Vp-p.



- 6. After check, remove the lead wire connected in step 2. **Note:** Try to measure several times to make sure than the
 - ratio of A: B or B: A is more than 10:7.

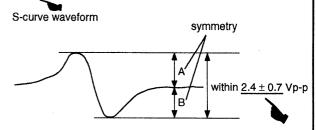
 Take sweep time as long as possible and light up the brightness to obtain best waveform.

S Curve Check — Page 16 —



Procedure:

- 1. Connect oscilloscope to test point TP (FEO).
- Connect between test point TP (FOK) and GND by lead wire.
- 3. Turn Power switch on.
- 4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
- Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4±0.7 Vp-p.



- 6. After check, remove the lead wire connected in step 2.
- **Note:** Try to measure several times to make sure than the ratio of A: B or B: A is more than 10: 7.
 - Take sweep time as long as possible and light up the brightness to obtain best waveform.

3. PARTS CHANGED



: indicates changed portion

Page			FORMER		NEW					
71	Ref No.	Part No.	Description EXPLODED VIEWS ***	Remark	Ref No.	Part No.	Description EXPLODED VIEWS ***	<u>Remark</u>		
			3 not su	S1911 2	d Provided the second	not supplied	11			
	7	4-962-705-01 ——	CHASSIS, HOLDER		11 12	4-909-982-11 2-383-566-00	SCREW, TAPPING SCREW			
72	82	4-963-404-01	EMBLEM (5-A), SONY		82	4-963-404-21	EMBLEM (5-A), SONY			
73	* 107	A-4378-088-A	DBFB BOARD, COMPLETE	V AD DVAIGEOU	* 107	1-656-668-11	DBFB BOARD	ALIC MAY AD DY/MOCOLO		
		1-654-656-11 1-558-943-41 1-532-299-00 1-532-350-00	REGULATOR BOARD CORD, POWER (N350: E,MX,F FUSE (T5A 250V) (N350: E,AUS,M	X,AR,PX/N350K)	▲F1901	1-551-188-XX 1-532-505-51	REGULATOR BOARD CORD, POWER (N350: FUSE (5A 250V)	AUS,MX,AR,PX/N350K)		
	 ∆F1902	1-532-299-00	FUSE (T5A 250V)	X,AR,PX/N350K)	△F1902 △F1902	1-532-505-51	FUSE (5A 250V)	AUS,MX,AR,PX/N350K)		

• Abbreviation

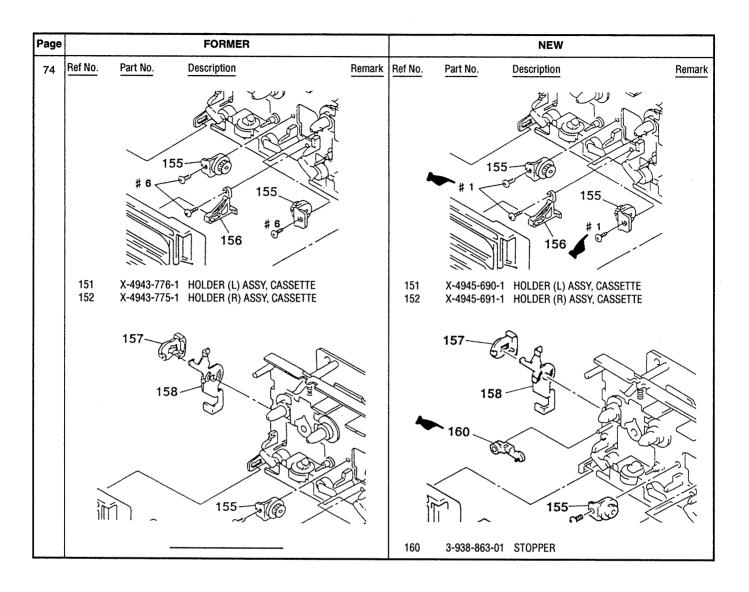
: German model G : Italian model IT MX : Mexican model AUS : Australian model AR : Argentine model

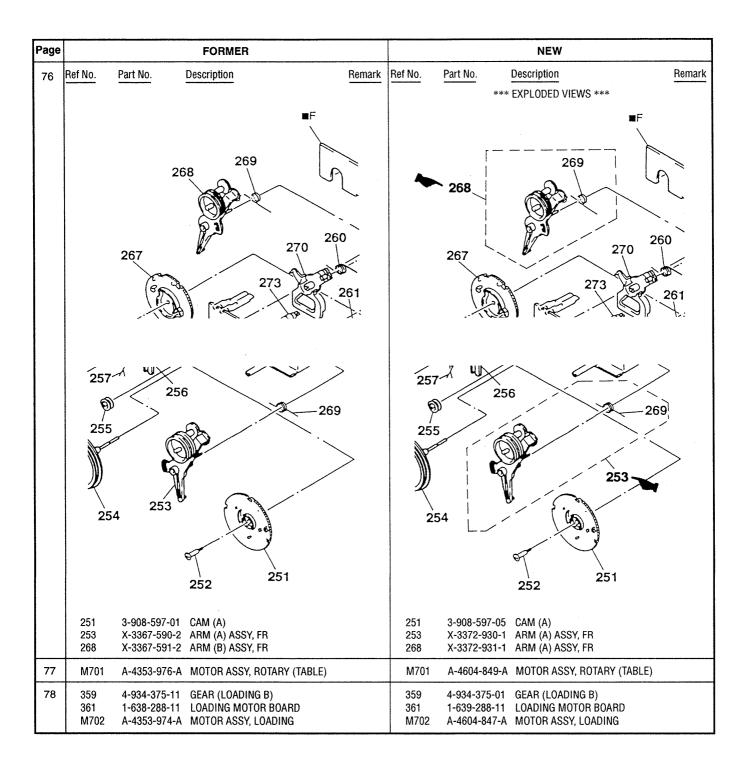
The components identified by mark Δ or dotted line with mark

Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.





• Abbreviation MX : Mexican model AUS : Australian model AR : Argentine model

Page	FORMER							NEW					
80	Ref No.	Part No.	Description			Ren	nark	Ref No.	Part No.	Description			Remark
		*** EL	ECTRICAL PAI	RTS LIST *	**				*** EL	ECTRICAL PA	RTS LIST *	**	
		***	5CD PANEL B	OARD ***				*** 5CD PANEL BOARD ***					
	R552	1-247-811-31	CARBON	150 (N350: E,A	5% AUS,MX	1/4W (,AR,PX/N3	50K)	R552	1-249-408-11	CARBON	180 (N350: E,A	5% (US, M)	1/4W (,AR,PX/N350K)
82	*	A-4378-088-A	DBFB BOARD	******	**	(,AR,PX/N3	50K)	*	A-4378-333-A	DBFB BOAR	******	**	(,AR,PX/N350K)
	C2133	1-124-463-00	ELECT:	0.1uF	20%		,	C2133	1-124-902-00	FLECT	0.47uF	20%	50V
83	R2108	1-249-429-11		10K	5%	1/4W		R2108	1-249-437-11	-	47K	5%	1/4W
	R2135 R2158	1-249-413-11 1-249-429-11		470 10K	5% 5%	1/4W 1/4W	F	R2111 R2135 R2158 R2161	1-249-419-11 1-249-415-11 1-249-437-11 1-249-419-11	CARBON CARBON	1.5K 680 47K 1.5K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W
	*	A-4377-133-A	ECHO BOARI					*	A-4378-678-A	ECHO BOAR			
	C1645	1-130-490-11	MYLAR	0.039uF	5%	50V		C1620 C1621 C1645	1-162-294-31 1-162-294-31 1-130-483-00	CERAMIC	0.001uF 0.001uF 0.01uF	10% 10% 5%	50V 50V 50V
								R1658	1-247-903-00	CARBON	1M	5%	1/4W
84	*** KEY CON BOARD (N350K) ***							*** KE	Y CON BOARI	O (N350K) *	**		
								C1440 C1480	1-162-290-31 1-161-494-00		470PF 0.022uF	10%	50V 25V
85		*** LO	ADING MOTO	R BOARD *	**				*** LO	ADING MOTO	R BOARD *	**	
	M702	A-4353-974-A	MOTOR ASS	Y (LOADIN	G)			M702	A-4604-847-A	MOTOR ASS	SY, LOADING	à	
93	*	A-2007-253-A	MD BOARD,					*	A-2007-435-A	MD BOARD,			
94	C651 Q623	1-164-159-11 8-729-801-93		0.1uF R 2SD1387	,	50V		C651 Q623	1-161-494-00 8-729-030-18		0.022uF R 2SD2525		25V
		***	MIC BOARD (N	l350K) ***					***	MIC BOARD (I	N350K) ***		
	J1601 J1602	1-569-113-11 1-573-151-11	JACK, LARGE JACK, LARGE					C1622 J1601 J1602	1-164-159-11 1-573-151-11 1-569-113-11				50V
95		**	** Panel Boa	RD ***					**	** PANEL BOA	4RD ***		
	C512 C513 C602	1-162-286-31 1-162-286-31 1-162-282-31	CERAMIC	220PF 220PF 100PF	10% 10% 10%	50V 50V 50V		C510 C512 C513 C514 C602 C661 C662 C663 C664	1-162-284-31 1-162-284-31 1-162-284-31	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	0.01uF 470PF 470PF 0.01uF 0.1uF 150PF 150PF 150PF	20% 10% 10% 20% 10% 10% 10% 10%	16V 50V 50V 16V 50V 50V 50V 50V
								C665 C666 C671 C672 D551	1-162-284-31 1-162-284-31 1-164-159-11 1-164-159-11 8-719-987-63	CERAMIC CERAMIC CERAMIC	150PF 150PF 0.1uF 0.1uF 48M	10% 10%	50V 50V 50V 50V

• Abbreviation

CND: Canadian model
G: German model
IT: Italian model

MX : Mexican model AUS : Australian model AR : Argentine model The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

specified.

△ are critical for safety.

Replace only with part number

Ne les 1

marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Les composants identifiés par une

Page			FORMER					NEW				
96	Ref No.	Part No.	Description		Remar	k Ref No.	Part No.	Description			Remark	
	Q611	8-729-422-57	TRANSISTOR UN			Q611	8-729-119-76	TRANSISTO	R 2SA117	5-HFE		
		_	(N3:	(N350: E,AUS,MX,AR,PX/N350K)		R557	1-247-843-11	CARBON	3.3K	5%	(,AR,PX/N350K) 1/4W (,AR,PX/N350K)	
		-				R558	1-249-429-11	CARBON	10K	5%	1/4W	
l	Dee4	1 047 007 01	CARRON 100	E0/	4 (4)4(D004	4 040 445 44	OADDON			(,AR,PX/N350K)	
Ì	R664 R665	1-247-807-31 1-247-807-31			1/4W 1/4W	R664 R665	1-249-415-11 1-249-415-11		680 680	5% 5%	1/4W 1/4W	
	R666	1-249-413-11				F R666	1-249-415-11		680	5%	1/4W	
	R667	1-247-807-31			1/4W	R667	1-249-415-11		680	5%	1/4W	
	R668	1-247-807-31		5%	1/4W	R668	1-249-415-11	CARBON	680	5%	1/4W	
	R669	1-247-807-31	CARBON 100	5%	1/4W	R669	1-249-415-11	CARBON	680	5%	1/4W	
97	R693	1-249-429-11			1/4W							
	R712	1-249-429-11			1/4W ID,AEP,UK,G,IT	R712	1-249-429-11	CARBON	10K	5%	1/4W	
	R713	1-249-429-11	CARBON 10K	5%	1/4W ID,AEP,UK,G,IT	R713	1-249-429-11	CARBON	10K	5%	1/4W	
		**	* POWER BOARD ***				**	** POWER BO	ARD ***			
	△ F1901	1-532-299-00	FUSE (T5A 250V)		(,AR,PX/N350k	△ F1901	1-532-505-51	FUSE, TIME-			(,AR,PX/N350K)	
	Δ F1901 Δ F1902		FUSE (T4 250V)(N FUSE (T5A 250V)	N350: AEP,UK	,G,IT)	△ F1901 △ F1902	1-532-504-51 1-532-505-51		LAG (4A 25 -LAG (5A 2	0V)(N35 50V)	50: AEP,UK,G,IT)	
	ΔF1902 ΔR1901	1-532-350-00 1-219-139-11	FUSE (T4 250V)(N	N350: AEP,UK 3 5%	1/4W		1-532-504-51 1-219-124-11			0V)(N35 5%	(,AR,PX/N350K) 50: AEP,UK,G,IT) 1/4W F	
				(Dt	560/N350: CNE	')				(D5	660/N350: CND)	
98	 ∆ R1902	1-219-136-11	FUSIBLE 0.22		1/4W 60: AEP,UK,G,I1	F △ R1902	1-219-121-11	FUSIBLE	0.22	5% (N35	1/4W F 0: AEP,UK,G,IT)	
	△ R1903	1-219-136-11	FUSIBLE 0.22	2 5%		F	1-219-121-11	FUSIBLE	0.22	5%	1/4W F 0: AEP,UK,G,IT)	
100		*** T/	ABLE MOTOR BOA	RD ***			*** T	ABLE MOTOR	BOARD **	**		
	M701	A-4353-976-A	MOTOR ASSY (TA	ABLE)		M701	M701 A-4604-849-A MOTOR ASSY, ROTARY (TABLE)					
		***	MISCELLANEOUS	S ***		*** MISCELLANEOUS ***						
	△CNP1901 △F1901	1-558-943-41 1-532-299-00	CORD, POWER (N FUSE (T5A 250V)		X/N350K: E) (,AR,PX/N350h	 △ F1901	1-551-188-XX 1-532-505-51		60V)`	, ,	X/N350K: E) (,AR,PX/N350K)	
	ΔF1901 ΔF1902		FUSE (T4A 250V) FUSE (T5A 250V)	(N350: AEP,U	K,G,IT)	△ F1901 △ F1902	1-532-504-51 1-532-505-51		50V)(N350: 50V)	AEP,UK	,G,IT)	
	 ∆F1902	1-532-350-00	FUSE (T4 250V)(N		(,AR,PX/N350k ,G,IT)	△ F1902	1-532-504-51	FUSE (4A 25			(,AR,PX/N350K) ,G,IT)	
101	M701 M702		MOTOR ASSY, RO MOTOR ASSY, LO		≣)	M701 M702	A-4604-849-A A-4604-847-A				Ξ)	
		*** ACCESSO	RIES & PACKING N	MATERIALS *	**		*** ACCESSO	RIES & PACK	ING MATEF	RIALS *	**	
		1-501-594-31	ANTENNA, LOOP ANTENNA (FM)(N MANUAL INSTRI	1350: AEP,G,17								
	3-798-246-41 MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH,PORTUGUESE)(N350: AEP,G) 3-798-246-51 MANUAL, INSTRUCTION (GERMAN,ITALIAN,DUTCH,SWEDISH)(N350: AEP,G,IT) 4-941-762-01 COVER (MLY), BATTERY (for RM-S300L) * 4-971-344-01 INDIVIDUAL CARTON (N350: AEP)				`							
					'	· <u></u> -						
		***	HARDWARE LIST	***			**:	* HARDWARE	LIST ***			
	#3 #4		SCREW +BTP2.6x SCREW, TAPPING									

4. MECHANISM DECK CHANGED

- The mechanism deck has been changed from TCM-220WR2 to TCM-220WR2E.
- Refer to "Difference table" for the difference of parts, and "Discriminate (Mechanism deck)" for discriminating each mechanism deck.

Difference table

		TCM-220WR2		TCM-220WR2E				
Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark	
* 221	A-2007-131-A	MD BOARD, COMPLETE		* 221	A-2007-435-A	MD BOARD, COMPLETE		

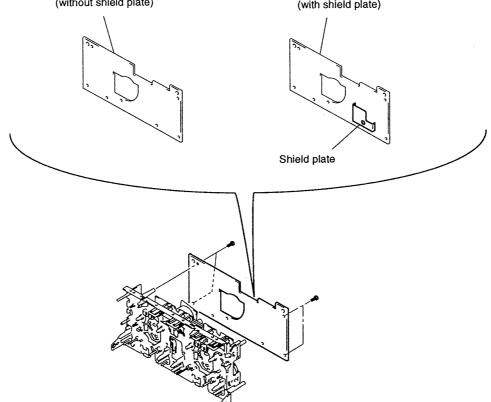
• Interchangeability of Complete MD Board

	COMPLETE MD BOARD : A-2007-131-A	COMPLETE MD BOARD : A-2007-435-A
TCM-220WR2	0	0
TCM-220WR2E	X	0

Discriminate (Mechanism deck)

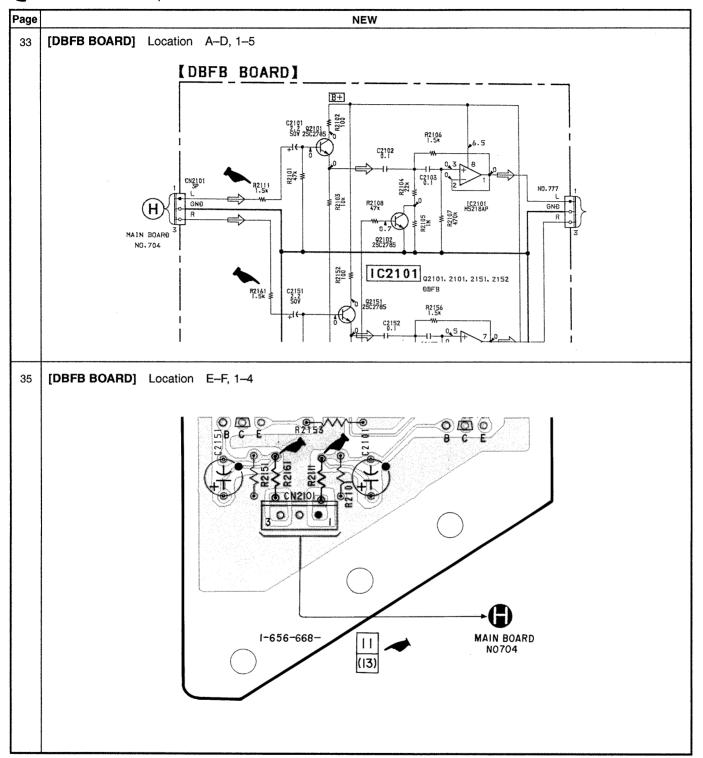


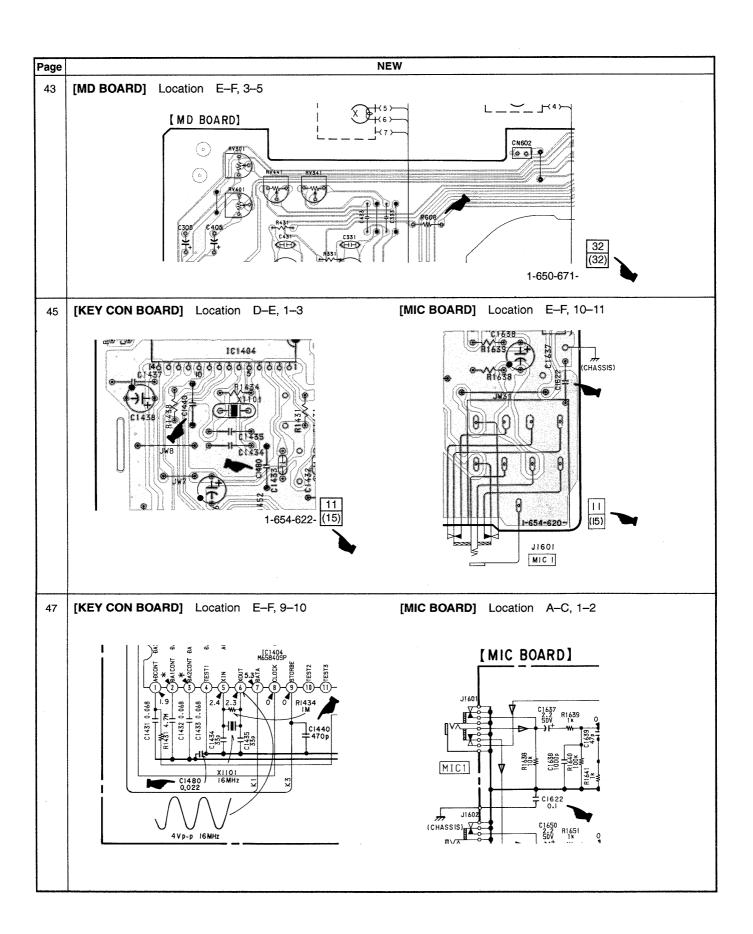
TCM-220WR2E COMPLETE MD BOARD : A-2007-435-A (with shield plate)

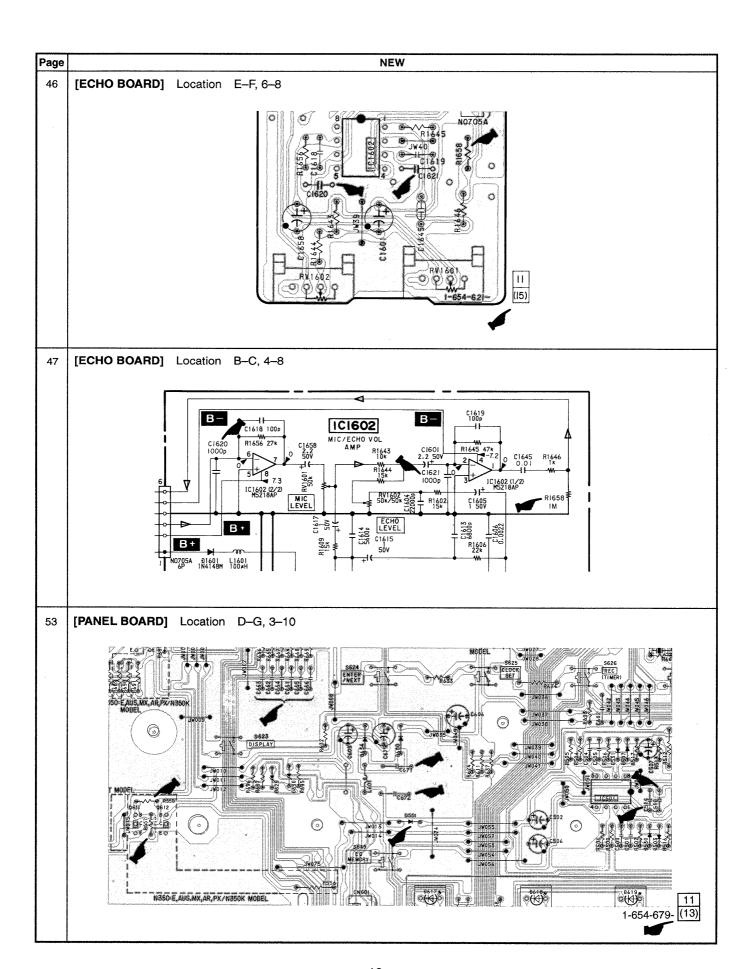


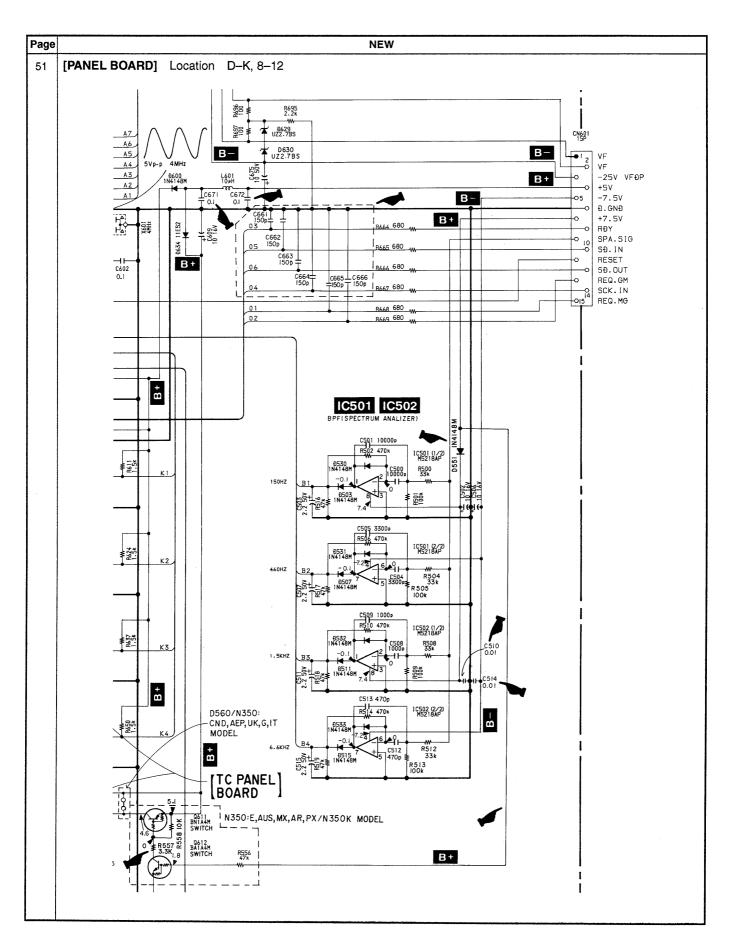
5. BOARD CHANGED

: indicates corrected portion.









6. MAIN & POWER AMP BOARD CHANGE

• The MAIN & POWER AMP board was renewed with a change of parts, please look at this.

PRINTED WIRING BOARD — MAIN SECTION —

Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1 D5 D901 D1131 D1204	I-14 K-11 C-11 E-5 K-2	IC1101 IC1131 IC1202 IC1341 IC1351	F-9 F-6 J-2 E-4 C-17
D1205 D1303 D1306 D1309 D1310 D1311 D1321 D1322 D1323 D1333 D1334 D1341 D1362 D1363 D1364 D1371 D1372 D1373 D1374 D1375 D1376 D1377 D1378 D1381 D1382 D1383 D1501 D1502 D1503 D1501 D1502 D1503 D1521 D1505 D1751 IC1	J-1-K-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q701 Q801 Q902 Q903 Q904 Q905 Q906 Q907 Q908 Q909 Q910 Q911 Q912 Q1001 Q1002 Q1003 Q11001 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1101 Q1101 Q1102 Q1103 Q1101 Q1101 Q1102 Q1103 Q1101 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1101 Q1102 Q1103 Q1104 Q1101 Q1102 Q1103 Q1104 Q1104 Q1105 Q1106	G-15 G-14 J-11 J-12 L-11 L-11 L-11 B-12 E-14 D-11 C-11 D-11 C-11 B-12 H-7 H-7 H-7 H-7 H-7 H-7 H-7 H-7 H-7 H-7
IC3 IC51 IC901 IC902 IC1001 IC1002 IC1003 IC1051 IC1052	G-12 J-13 C-14 D-12 K-9 H-9 H-7 C-5 D-7	Q1301 Q1303 Q1321 Q1322 Q1361 Q1362 Q1501 Q1511 Q1801	K-8 J-8 K-7 D-9 D-9 C-3 C-8 H-6

• • ---: parts extracted from the component side.

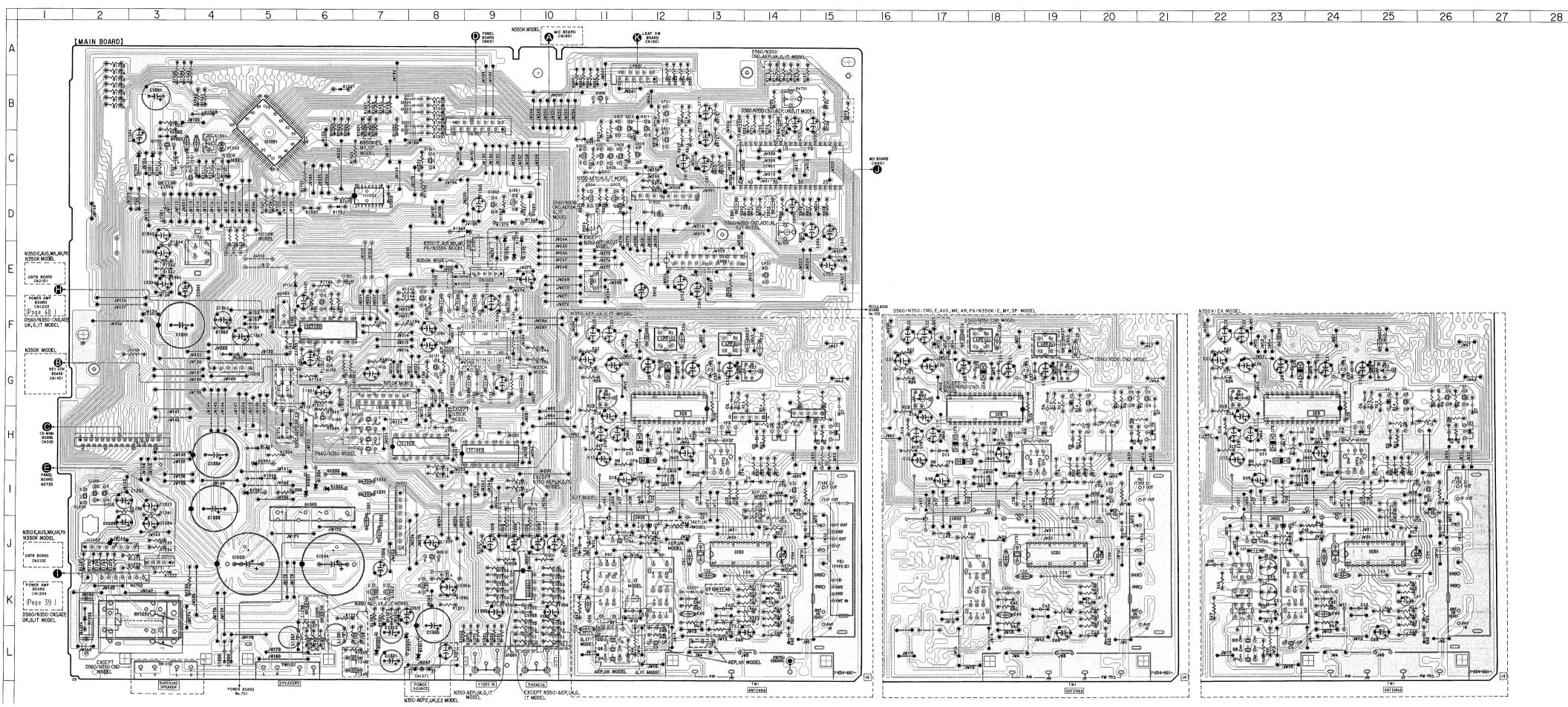
parts mounted on the conductor side.

Δ: internal component.

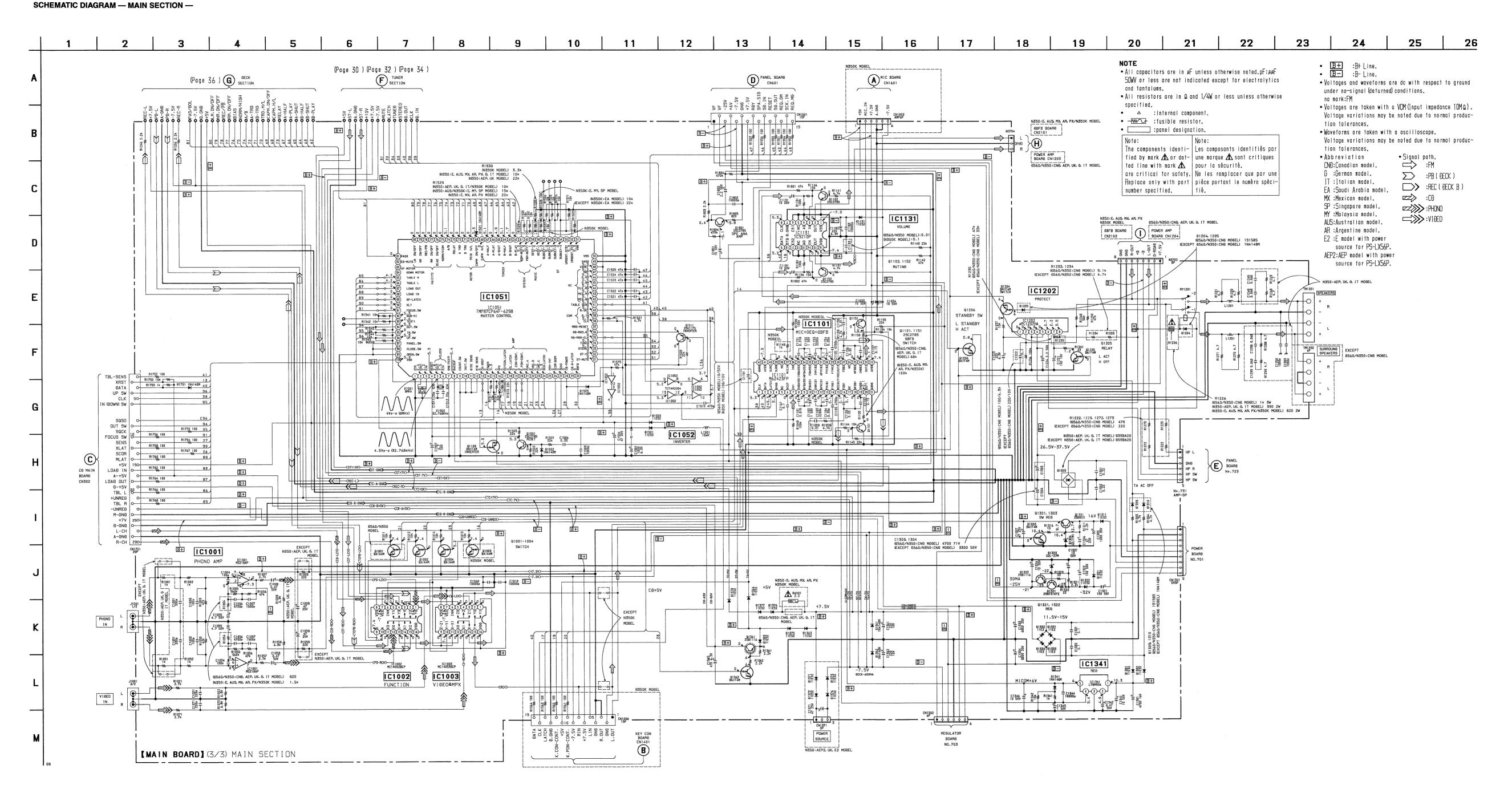
: Pattern from the side which enable seeing.

: German model. : Italian model. : Singapore model

CND: Canadian model : Saudi Arabia model. MY : Malaysia model. AUS: Australian model. AR : Argentine model.



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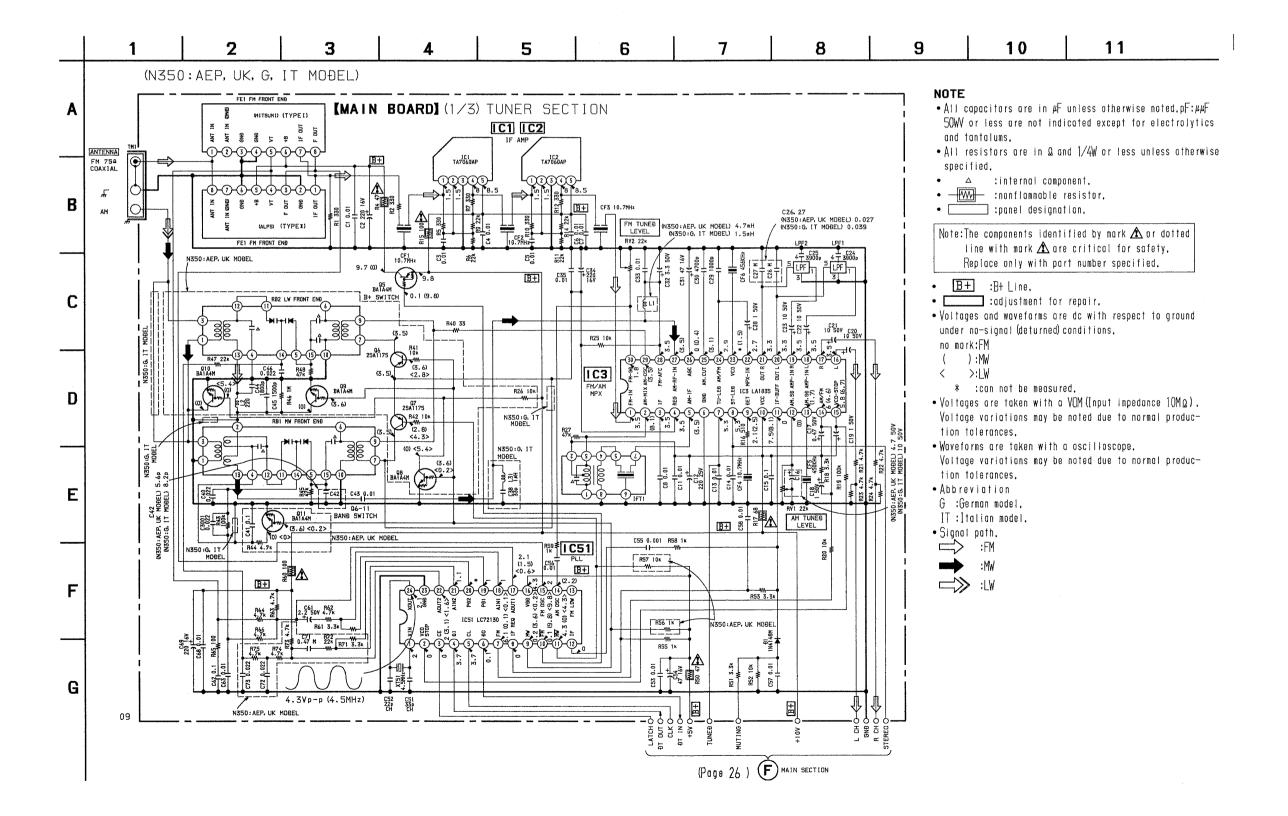
--- 25 ---

--- 26 ---

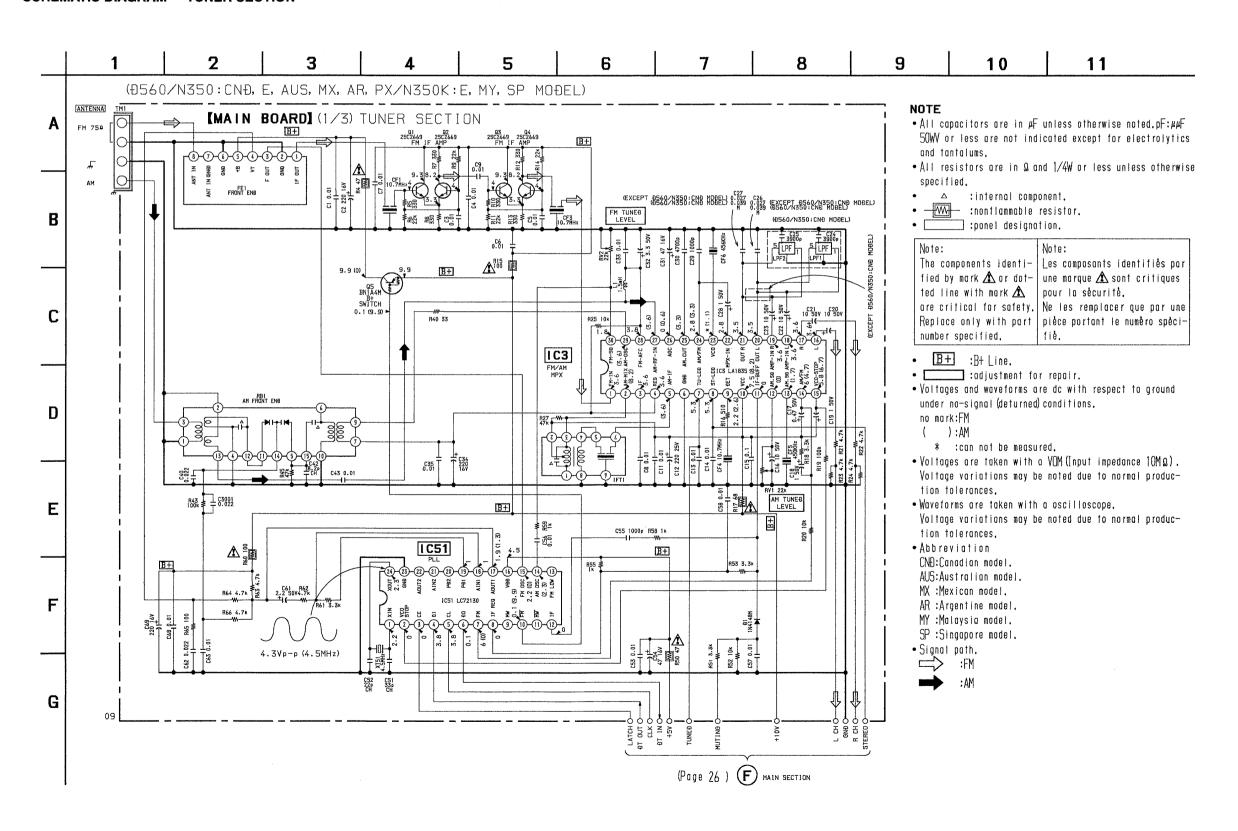
--- 27 ---

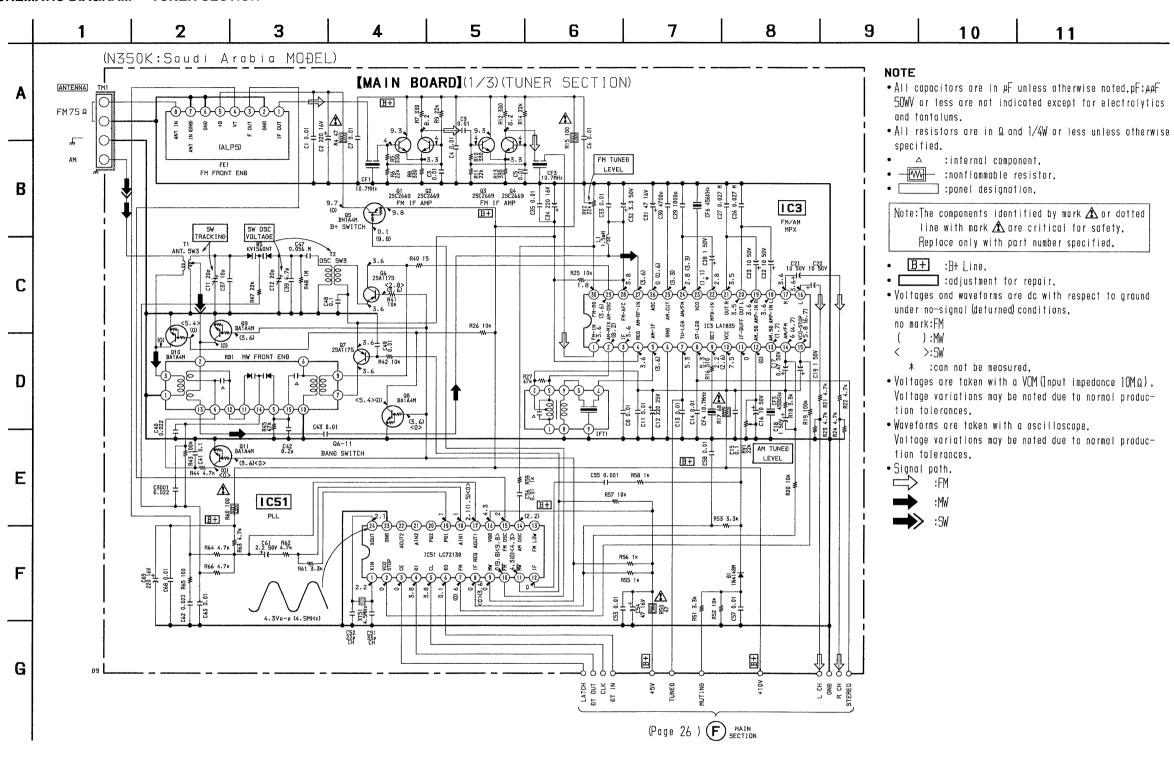
--- 28 ----

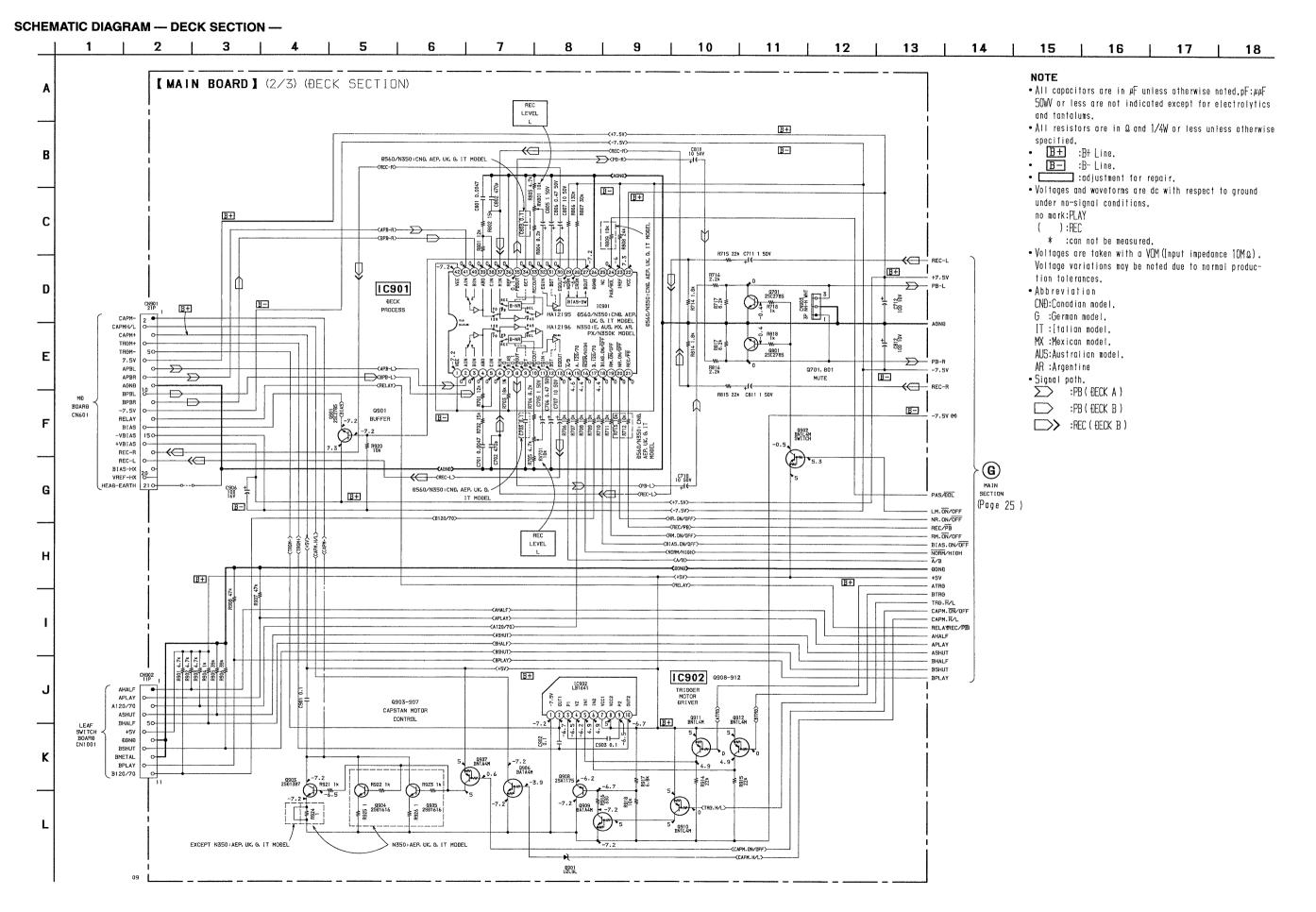
SCHEMATIC DIAGRAM — TUNER SECTION —

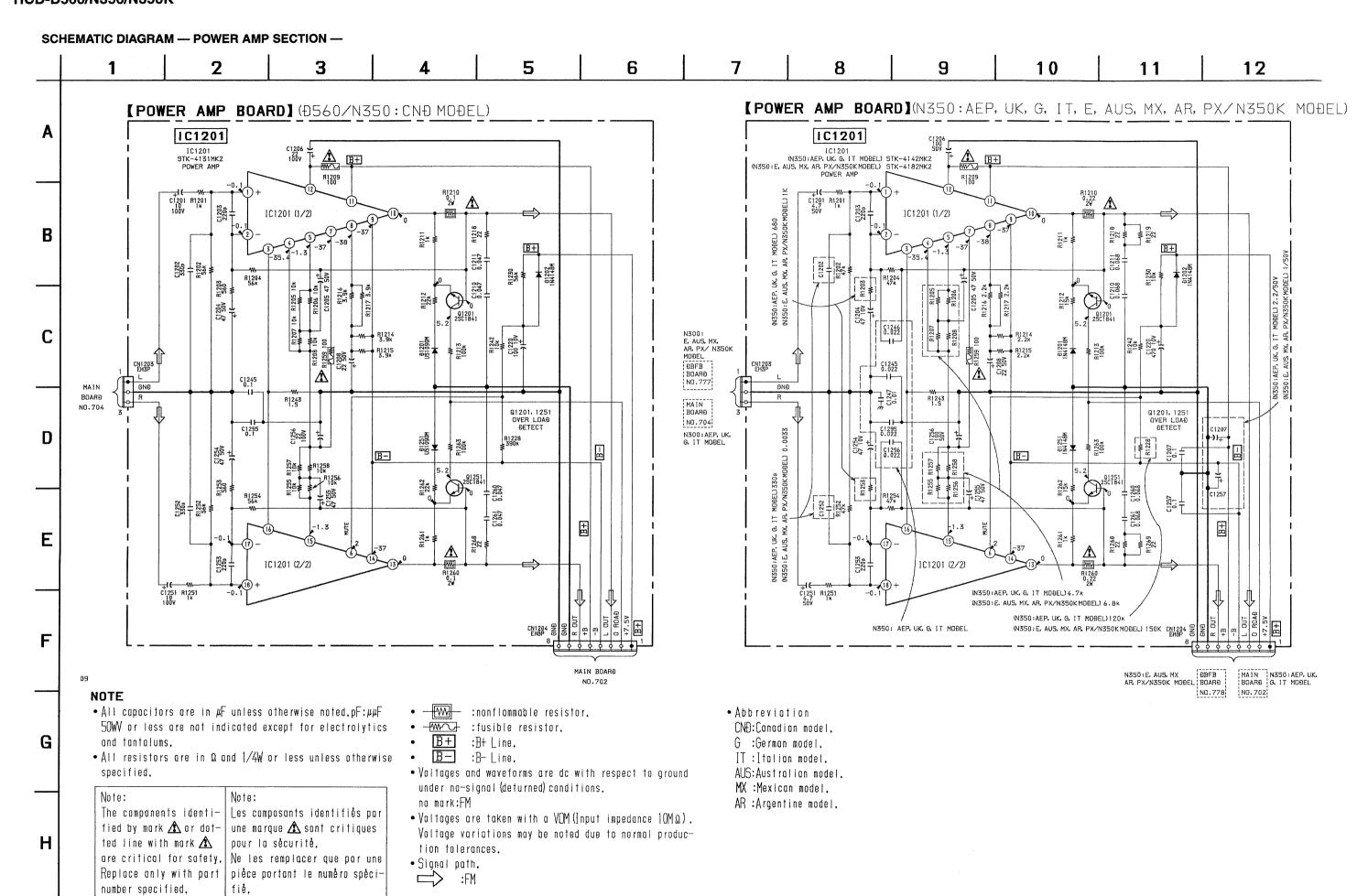


SCHEMATIC DIAGRAM — TUNER SECTION —

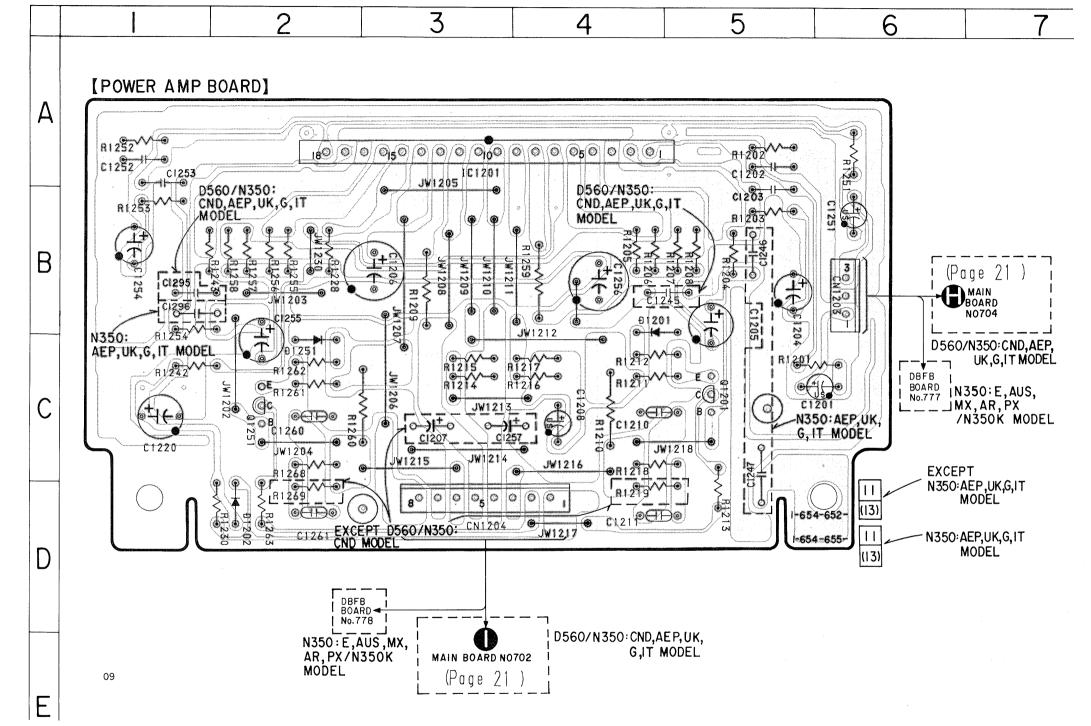








PRINTED WIRING BOARD — POWER AMP SECTION —



Semiconductor Location

Ref. No.	Location
D1201 D1202 D1251	B-4 D-2 C-2
IC1201	A-3
Q1201 Q1251	C-5 C-2

:

- : parts extracted from the component side.
: Pattern from the side which enable seeing.

• [and : Pattern from the side

Abbreviation

CND: Canadian model.
G: German model.
IT: Italian model.

MX : Mexican model.
AUS : Australian model.
AR : Argentine model.

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ELECTRICAL PARTS LIST

NOTE:

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number

specified.

Les composants identifiés par une marque A sont critiques pour la

Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor

METAL OXIDE: Metal Oxide-film resistor

F: nonflammable

• SEMICONDUCTORS

In each case, u: μ , for example:

uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,

uPC...: μ PC..., uPD...: μ PD...

CAPACITORS

 $uF : \mu F$

• COILS $uH : \mu H$

Abbreviation

: German model G IT : Italian model EA : Saudi Arabia model : Mexican model MXSP : Singapore model MY : Malaysia model AUS

CND : Canadian model

: Australian model AR : Argentine model E2 : E model with power source

for PS-LX56P E3

: E model without power source

for PS-LX56P AEP1 : AEP model without power source

for PS-LX56P

AEP2 : AEP model with power source

for PS-LX56P

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description			Remark
*	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP	2. IIK)	C12	1-126-934-11	ELECT	220uF	20%	16V
·		**********		C13	1-162-306-11		0. 01uF	30%	16V
				C14	1-162-306-11		0. 01uF	30%	16V
*	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350	U • CND)	C15	1-164-159-11		0. 1uF	00%	50V
•	n 1011 001 n	**********		C16	1-124-906-11		4. 7uF	20%	50V
				1 010	1 124 500 11	DECT	4. rur		D:AEP, UK)
*	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2)						(11001	J.ALF, UK)
*	1 4011 101 h	**********		C16	1-124-907-11	EI ECT	10uF	20%	50V
		**************************************		C10	1 124 301 11	BLECT			D: AEP, UK)
*	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E3,	MY SP)	C17	1-124-902-00	FI FCT	0. 47uF	20%	50V
•	1 1011 120 h	***********		C18	1-124-903-11		luF	20%	50V
		**************************************	****	C19	1-124-903-11		luF	20%	50V 50V
*	A-1377-175-A	MAIN BOARD, COMPLETE (N350K:EA)	`	C20	1-124-907-11		10uF	20%	50V 50V
*	A doil did A	*************************	,	C20	1 124 301 11	BLECT	Tour	20/0	301
			Ŧ	C21	1-124-907-11	EI ECT	10uF	20%	50V
*	A-1377-625-A	MAIN BOARD, COMPLETE (N350:E3,	MY AR DY)	C22	1-124-907-11		10uF	20%	50V 50V
4	A 4011 020 A	************************		C22	1-124-907-11		10uF	20%	50V 50V
				C24	1-137-436-11		0. 0039uF	5%	50 V
*	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS))	021	1 101 400 11		560/N350:C		
•	11 1011 021 11	************		C25	1-137-436-11		0. 0039uF		50V
			•	020	1 101 100 11		560/N350:CI		
*	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP)	1)			()	300/11030.0	ND, ALL,	on, 0, 11)
		************	•	C26	1-136-158-00	FILM	0. 027uF	5%	50V
			• •	020	1 100 100 00		UK, E, AUS, I		
*	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G)		C26	1-136-160-00		0. 039uF	5%	50V
		********		"-"	1 100 100 00	1 1 2 111			CND, G, IT)
				C27	1-136-158-00	FILM	0. 027uF	5%	50V
. *	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT)					UK, E, AUS, !		
		*********		C27	1-136-160-00		0. 039uF	5%	50V
									CND, G, IT)
		< CAPACITOR >		C28	1-124-903-11	ELECT	luF	20%	50V
C1	1-162-306-11		16V	C29	1-162-294-31	CERAMIC	0.001uF	10%	50V
C2	1-126-934-11		16V	C30	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C3	1-162-306-11		16V	C31	1-104-664-11	ELECT	47uF	20%	25V
C4	1-162-306-11		16V	C32	1-126-962-11		3. 3uF	20%	50V
C5	1-162-306-11	CERAMIC 0.01uF 30%	16V	C33	1-162-306-11	CERAMIC	0.01uF	30%	16V
C6	1-162-306-11		16V	C34	1-126-934-11		220uF	20%	16V
C7	1-162-306-11		16V	C35	1-162-306-11		0.01uF	30%	16V
C8	1-162-306-11		16V	C37	1-162-199-31	CERAMIC	10PF	5%	50 V
C9	1-101-004-00		16V					(1	N350K:EA)
		(D560/N350:CND, E, AUS, MX, AR,		C38	1-162-211-31	CERAMIC	33PF	5%	50V
C11	1-162-306-11	CERAMIC 0.01uF 30%	16V					(N3	350:G, IT)
				C39	1-162-195-31	CERAMIC	4. 7PF	10%	50V
								(1	N350K:EA)

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C40	1-101-005-00	CERAMIC	22000PF		50V	C802	1-162-290-31		470PF	10%	50V
C41	1-164-159-11	CERAMIC	0. 1uF	en IIIZ/I	50V	C803	1-137-399-11	FILM	0. luF	5%	50V
C42	1-162-196-31	CERAMIC	5. 6PF	10%	N350K:EA) 50V				(D560/N350:C	ND, AEP,	UK, G, 11)
0.15	1 102 100 01	02.11.11.10	0.011		O:AEP, UK)	C805	1-124-903-11	ELECT	1uF	20%	50V
C42	1-162-198-31		8. 2PF	10%	50V	C806	1-124-902-00		0. 47uF	20%	50V
C12		(D560/N350:CND, E,				C807	1-124-907-11		10uF	20%	50V
C43	1-162-306-11	CERAMIC	0. 01uF	30%	16V	C810 C811	1-124-907-11 1-124-903-11		10uF 1uF	20% 20%	50V 50V
C44	1-102-120-00	CERAMIC	0.0018uF		507						
C45	1-162-301-11	CERAMIC	0. 0015uF	(N350 30%	0:AEP, UK) 16V	C812 C901	1-124-443-00 1-164-159-11		100uF 0. 1uF	20%	10V 50V
040	1 102 301 11	CERAMIC	0. 001501		0:AEP, UK)	C902	1-164-159-11		0. 1uF		50V
C46	1-101-005-00	CERAMIC	22000PF	•	50V	C903	1-164-159-11		0. 1uF		50V
					O:AEP, UK)	C906	1-104-665-11	ELECT	100uF	20%	16V
C47	1-136-162-00	FILM	0.056uF	5%	50V N350K:EA)	C1001	1-162-288-31	CEDAMIC	330PF	10%	50V
C48	1-164-159-11	CERAMIC	0. 1uF	(1	50V	C1001	1-102-200-31	CERAMIC			UK, G, IT)
0.10			•• ••	(!	N350K:EA)	C1003	1-162-282-31	CERAMIC	100PF	10%	50V
						C1004	1-162-282-31	CERAMIC	100PF	10%	50V
C49	1-162-306-11	CERAMIC	0.01uF	30%	16V	C1005	1-126-963-11	ELECT	4. 7uF	20%	100V
					N350K:EA)	C1006	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C51	1-102-518-11		33PF	5%	50V	~					
C52	1-102-514-11		22PF	5%	50V		1-162-301-11		0. 0015uF		16V
C53	1-162-306-11		0. 01uF	30%	16V		1-124-902-00		0. 47uF	20%	50V
C54	1-104-664-11	ELECI	47uF	20%	25V	C1009	1-104-664-11	ELECI	47uF (N3	20% 50:AEP.	25V UK, G, IT)
C55	1-162-294-31	CERAMIC	0.001uF	30%	16V	C1010	1-162-306-11	CERAMIC	0.01uF	30%	16V
C56	1-162-306-11	CERAMIC	0.01uF	30%	16V	C1021	1-162-286-31	CERAMIC	220PF	10%	50V
C57	1-162-306-11	CERAMIC	0.01uF	30%	16V				(N3	50:AEP,	UK, G, IT)
C58	1-162-306-11		0.01uF	30%	16V						
C61	1-126-961-11	ELECT	2. 2uF	20%	100V		1-124-907-11		10uF	20%	50V
cco	1 161 404 00	CEDANIC	0. 022uF		orv.		1-124-907-11		10uF 330PF	20%	50V
C62	1-161-494-00	(D560/N350:0		MV AR I	25V PX/N350K)	C1021	1-162-288-31	CERAMIC		10% 50.AFP	50V UK, G, IT)
C62	1-164-159-11		0. 1uF	,, , ,,,,	50V	C1053	1-162-282-31	CERAMIC	100PF	10%	50V
002	1 101 100 11	OBRIMIO		50:AEP.	UK, G, IT)		1-162-282-31		100FF	10%	50V
C63	1-162-306-11	CERAMIC	0. 01uF	30%	16V						
C68	1-162-306-11	CERAMIC	0.01uF	30%	16V	C1055	1-126-963-11	ELECT	4. 7uF	20%	100V
C69	1-126-934-11	ELECT	220uF	20%	16V	C1056	1-162-600-11	CERAMIC	0.0047uF	30%	16V
							1-162-301-11		0. 0015uF	30%	16V
C71	1-136-173-00	FILM	0. 47uF	5%	50V		1-124-902-00		0. 47uF	20%	50V
C7.0	1 101 404 00	CEDAMIC	0.00073	(N350	O: AEP, UK)	C1059	1-104-664-11	ELECT	47uF	20%	25V
C72	1-161-494-00	CERAMIC	0. 022uF	(N35)	25V D:AEP, UK)				(N3	ou: Alp,	UK, G, IT)
C73	1-161-494-00	CERAMIC	0. 022uF	(11001	25V	C1059	1-162-306-11	CERAMIC	0.01uF	30%	16V
				(N350	O:AEP,UK)						(N350K)
C701	1-137-368-11		0. 0047uF	5%	50V		1-162-306-11		0.01uF	30%	16V
C702	1-162-290-31	CERAMIC	470PF	10%	50V	C1071	1-162-286-31	CERAMIC	220PF	10%	50V
C703	1-137-399-11	RIIM	0. 1uF	5%	50V	C1101	1-137-440-11	DIIM	0. 018uF	5%	UK, G, IT)
C103	1 137 333 11		560/N350:Cl				1-131-440-11		luF	20%	50V 50V
C705	1-124-903-11		luF	20%	50V		- 12. 000 11			2070	JU1
C706	1-124-902-00		0. 47uF	20%	50V	C1103	1-162-302-11	CERAMIC	0. 0022uF	30%	16V
C707	1-124-907-11		10uF	20%	50V		1-137-443-11		0. 056uF	5%	50V
C710	1-124-907-11	ELECT	10uF	20%	50V		1-162-600-11		0.0047uF	30%	16V
						C1106	1-136-171-00	FILM	0. 33uF	5%	50V
C711	1-124-903-11		1uF	20%	50V	C1107	1-136-167-00	FILM	0. 15uF	5%	50V
C712	1-124-443-00		100uF	20%	10V				_		
C801	1-137-368-11	FILM	0. 0047uF	5%	50V	C1131	1-124-907-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1133	1-162-306-11	CERAMIC	0.01uF	30%	16V		1-124-122-11		100uF	20%	50 V
				(D5	60/N350)		1-124-122-11		100uF	20%	50V
C1133	1-164-159-11	CERAMIC	0. 1uF		50V (N350K)	C1326	1-124-907-11	ELECT	10uF	20%	50V
C1151	1-137-440-11	FILM	0. 018uF	5%	50V	C1327	1-124-907-11	ELECT	10uF	20%	50V
C1152	1-124-903-11	ELECT	1uF	20%	50V	C1331	1-136-165-00	FILM	0. luF	5%	50V
						C1332	1-136-165-00	FILM	0. 1uF	5%	50V
C1153	1-162-302-11	CERAMIC	0.0022uF	30%	16V	C1333	1-126-946-11	ELECT	6800uF	20%	25V
C1154	1-137-443-11	FILM	0.056uF	5%	50V	C1334	1-124-636-00	ELECT	3300uF	20%	25V
C1155	1-162-600-11	CERAMIC	0.0047uF	30%	16V						
C1156	1-136-171-00	FILM	0. 33uF	5%	50V	C1341	1-124-907-11	ELECT	10uF	20%	50V
C1157	1-136-167-00	FILM	0. 15uF	5%	50V	C1342	1-124-902-00	ELECT	0.47uF	20%	50V
							1-124-903-11		1uF	20%	50V
C1159	1-162-306-11	CERAMIC	0.01uF	30%	16V		1-162-306-11		0. 01uF	30%	16V
01100			0.0141	00.0	(N350K)		1-124-907-11		10uF	20%	50V
C1161	1-164-159-11	CERAMIC	0. 1uF		50V	01010	1 121 001 11	DDDO1	2001	2070	001
	1-124-907-11		10uF	20%	50V	C1361	1-104-666-11	ELECT	220uF	20%	10V
	1-104-666-11		220uF	20%	10V		1-104-666-11		220uF	20%	10V
	1-162-306-11		0. 01uF	30%	16V		1-126-925-11		470uF	20%	10V
CIIOO	1 102 000 11	CLIMINIC	o. orur	00/0	101		1-104-664-11		47uF	20%	25V
C1101	1-124-443-00	EI ECT	100uF	20%	10V	C13/1	1-104-004-11	BLECT			23 v 2, UK, E2)
C1131	1 124 445 00	DEECI	Toour	2070	(N350K)	C1391	1-126-937-11	DI DOT	4700uF	20%	2, OR, E2)
C1101	1-124-907-11	DI DOT	10uF	20%	50V	C1301	1-120-331-11	BLECT	4100ur	20%	101
C1131	1-124-301-11	ELECT	Tour		60/N350)	C1E01	1-124-471-00	DI DOT	1000uF	200	6. 3V
C1991	1-124-443-00	DI DOT	100uF	20%	10V		1-162-294-31		0.001uF	20%	
	1-124-445-00		220uF	20%	10V 10V		1-102-294-31			10%	50V
C1222	1-104-000-11	ELECI			350:CND)		1-104-004-11		47uF 0. 33uF	20%	25V
C1 222	1-126-968-11	DI DOT	100uF	20%	6. 3V		1-136-171-00			5% 20%	50V
C1222	1-120-900-11	ELECT			350:CND)	C1307	1-120-903-11	ELECT	4. 7uF	2076	50 V
				(D300/N	330:CND)	C1E11	1-102-958-00	CEDANIC	20PF	E0/	FOV
C1 222	1-104-666-11	DI DOT	220uF	20%	10V		1-102-958-00		20PF	5%	50V 50V
	1-104-000-11		2. 2uF	20%	100V		1-162-290-31			5%	
	1-120-901-11		2. 2ur 0. 068uF	20% 5%	50V		1-162-290-31		470PF 47PF	10%	50V
C1246	1-131-315-11	LITM			UK, G, IT)				47PF	5%	50V
C1240	1-137-375-11	PIIM	0. 068uF	50: AEF,	50V	C1322	1-162-215-31	CERAMIC	4177	5%	50 V
C1249	1-131-313-11	LILM			UK, G, IT)	C1E99	1-162-215-31	CEDAMIC	47PF	5%	50V
C1250	1-162-294-31	CEDAMIC	0. 001uF	10%	50V		1-162-215-31		47PF	5%	50V 50V
C1230	1 102 234 31	CERMITC			UK, G, IT)		1-162-215-31		47PF	5%	50V 50V
			(110	JU. ALII,	OR, O, 11)		1-102-213-31		10uF	20%	50V 50V
C1208	1-137-375-11	DIIM	0.068uF	5%	50V		1-162-306-11		0.01uF		
C1290	1-131-313-11	FILM			UK, G, IT)	C1002	1-102-300-11	CERAMIC	0. 01ur	30%	16V
C1200	1-137-375-11	DIIM	0. 068uF	5%	50V	C1002	1 100 001 11	DI DOT	0 015	0.00/	FOW
C1299	1-131-315-11	r i LM			UK, G, IT)		1-126-961-11 1-161-494-00		2. 2uF 0. 022uF	20%	50V
C1300	1-162-294-31	CEDYMIC.	0. 001uF			C3001	1-101-494-00	CERAMIC	0. UZZUF		25V
C1300	1-102-254-51	CERMITC			UK, G, IT)			/ DILTED \			
C1301	1-136-169-00	RIIM	0. 22uF	5%	50V	,		< FILTER >			
	1-136-169-00		0. 22uF	5%	50V	CF1	1_567_200_11	DILTED CED	AMIC (10.7MHz	`	
C1302	1 130 103 00	LIPM	0. 22ur	3/0	301	CF2			AMIC (10.7MHz		
C1303	1-126-974-11	EI ECT	3300uF	20%	50V	Cra	1-100-393-11	rilien, Cen		•	IIV C IT)
C1303	1-120-914-11					CES	1 567 200 11	EILTED CED			UK, G, IT)
C1202	1-128-493-11	(N350: AEP, UK, E,				CF3	1-201-208-11		AMIC (10.7MHz		W (MOEOR)
C1303	1-120-493-11	ELECI	4700uF	20%	71V	OEO	1 700 202 11		350:CND, E, AUS		'X/N35UK)
C1204	1 126 074 11	DI DOT			350:CND)	CF3	1-760-393-11	FILIER, CER	AMIC (10.7MHz	-	1117 O TM)
C1304	1-126-974-11		3300uF	20%	50V	CD4	1 700 000 11	DILTED CDD			UK, G, IT)
C1204	1_120_402 11	(N350: AEP, UK, E,				CF4	1-100-220-11	FILIER, CER	AMIC (10.7MHz))	
C1304	1-128-493-11	ELEC1	4700uF	20%	71V	Ope	1 507 001 00	DIITON ONE	MTC /450*** \		
C120E	1_126_072 11	EI ECT			350:CND)	CF5	1-527-981-00			1-11-1	
C1909	1-126-972-11	ELEC1	1000uF	20%	35V	CF6	1-577-075-11	USCILLATUR,	CERAMIC (456)	KHZ)	
C1306	1-104-664-11	FIFCT	47uF	20%	25V						
	1-104-664-11		47uF	20%	25V 25V						
01001	1 104 004 11	DDLC1	TIUI.	2010	201	ı					

Ref. No.	Part No.	Descrip	tion	Remark	Ref. No.	Part No.	Desci	ription	Remark
		< CONNEC	CTOR >		D1372	8-719-024-99	DIODE	E 11ES2-NTA2B	(N350:AEP2, UK, E2)
* CN902 * CN903 * CN1003	1-568-830-11 1-560-061-00 1-568-955-11	SOCKET, PIN, COI PIN, COI	CONNECTOR 21P CONNECTOR 11P NNECTOR 3P NNECTOR 6P (N350K) CONNECTOR 15P (N350K)		D1374 D1375 D1376	8-719-024-99 8-719-024-99 8-719-024-99 8-719-024-99 8-719-024-99	DIODE DIODE	E 11ES2-NTA2B E 11ES2-NTA2B E 11ES2-NTA2B	(N350:AEP2, UK, E2) (N350:AEP2, UK, E2)
* CN1302 * CN1371 * CN1501	1-568-834-11	PLUG, CO PIN, COI SOCKET,		2)	D1381 D1382 D1383	8-719-024-99 8-719-024-99 8-719-024-99 8-719-024-99 8-719-024-99	DIODE DIODE	E 11ES2-NTA2B E 11ES2-NTA2B E 11ES2-NTA2B	
		< TRIMMI	ER >			8-719-987-63			
	1-141-227-00 1-141-227-00	CAP, TR	IMMER 20PF (N350K:EA)	,	D1521 D1525	8-719-024-99 8-719-987-63 8-719-987-63 8-719-987-63	DIODE	E 1N4148M E 1N4148M	
		< DIODE	>				< FRO	ONTEND >	
D5 8 D901 8 D1131 8	8-719-987-63 8-719-976-30 8-719-933-54 8-719-200-82	DIODE DIODE DIODE	1N4148M KV1560N (N350K:EA) HZS9A2L 11ES2		FE1 FE1				IG) ID, E, AUX, AR, PX/N350K) I350:AEP, UK, G, IT)
D1204 8	8-719-815-85	DIODE	1S1585 (D560/N350:CND)				< IC	>	
	8-719-987-63 8-719-815-85	(N350:	1N4148M AEP, UK, E, AUS, MX, AR, PX, G, IT, 1S1585 (D560/N350:CND)	/N350K)	IC1 IC2	8-759-200-60 8-759-200-60		TA7060AP (N350: TA7060AP (N350:	
	8-719-987-63 8-719-028-23	(N350:	1N4148M AEP, UK, E, AUS, MX, AR, PX, G, IT, D3SBA20-4101 (N350:AEP, UK,			8-759-176-03 8-759-288-54 8-759-289-38	IC	LA1835 LC72130 HA12195NT	
D1303 8	8-719-510-68		D5SBA20F01 50/N350:CND, E, AUS, MX, AR, PX,	/N350K)	10901	8-759-289-39	īC	(D560/N HA12196NT	1350:CND, AEP, UK, G, IT)
	8-719-001-42		UZL-11M1					(N350:E	C, AUS, MX, AR, PX/N350K)
	8-719-815-85 8-719-987-63	DIODE	1S1585 (D560/N350:CND) 1N4148M AEP, UK, E, AUS, MX, AR, PX, G, IT,	/N350K)	IC1001	8-759-822-09 8-759-634-51 8-759-000-48	IC	LB1641 M5218AP MC14052BCP	
	8-719-815-85 8-719-987-63		1S1585 (D560/N350:CND) 1N4148M		IC1003	8-759-140-53	IC	uPD4053BC	
D1321 8	8-719-024-99 8-719-024-99 8-719-024-99	DIODE DIODE	NEP, UK, E, AUS, MX, AR, PX, G, IT 11ES2-NTA2B 11ES2-NTA2B 11ES2-NTA2B	/N350K)	IC1052 IC1101 IC1131	8-759-354-84 8-759-269-92 8-759-291-98 8-759-281-42 8-759-111-68	IC IC	TMP87CP64F-6298 SN74HCU04ANS-E2 M62423FP TC9210P uPC1237HA	
D1323 8	8-719-934-18 8-719-024-99	LED	HZS27-2L 11ES2-NTA2B			8-759-820-13		L78MR06	
	8-719-024-99 8-719-024-99		11ES2-NTA2B 11ES2-NTA2B				< IFT	>	
D1334 8	8-719-024-99 8-719-987-63 8-719-987-63	DIODE DIODE	11ES2-NTA2B 1N4148M 1N4148M		IFT1		TRANS	FORMER, IF (CERAM K >	HC FILTER)
D1363 8	8-719-987-63 8-719-024-99 8-719-024-99 8-719-024-99	DIODE DIODE	1N4148M 11ES2-NTA2B 11ES2-NTA2B 11ES2-NTA2B (N350:AEP2, UK,	E2)	* J1001	1-580-912-11	JACK,	PIN 4P	



D.C.N.	Done No	December	ъ.,	1500	5			
Kei. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description		Remark
L1	1-407-500-00	< COIL >	4.7mH (N350:AEP,UK)	Q911 Q912	8-729-900-65 8-729-900-65		DTA144ES DTA144ES	
Ll	1-410-688-31	INDUCTOR	1.5mH		8-729-900-80		DTC114ES (D	560/N350)
L2	1-410-525-11		ND, E, AUS, MX, AR, PX, G, IT/N350K) 220uH (N350:AEP, UK)		8-729-900-80		DTC114ES	05011)
L31	1-414-142-11		luH (N350:G, IT)	1	8-729-900-80 8-729-900-80		DTC114ES (NO DTC114ES	35UK)
	1-420-872-00			1	8-729-119-78			(D560/N350)
	1-420-872-00			1	8-729-900-80		DTC114ES (N	350K)
L1501	1-410-509-11	INDUCTOR	IUUH		8-729-119-78		2SC2785-HFE	
		< FILTER >			8-729-900-63 8-729-119-78		DTA124ES 2SC2785-HFE	
					8-729-119-78		2SC2785-HFE	
LPF1	1-239-597-11	FILTER, LOW		,			-50-100 111 1	
1 000	1 000 505 11		(D560/N350:CND, AEP, UK, G, IT)		8-729-900-63		DTA124ES	
LPF2	1-239-597-11	FILTER, LOW			8-729-900-36		DTC124ES	
			(D560/N350:CND, AEP, UK, G, IT)		8-729-900-36 8-729-111-29		DTC124ES 2SD1616A-K	
		< TRANSISTOR	? >	1	8-729-111-29		DTC124ES	
		. 111111010101		W1303	0 129 900 90	TRANSISTOR	D1C124E3	
Q1	8-729-230-99		2SC2669-0Y		8-729-118-00		2SB1116-L	
00	0 700 000 00		350:CND, E, AUS, MX, AR, PX/N350K)		8-729-118-00		2SB1116-L	
Q2	8-729-230-99		2SC2669-OY		8-729-118-00		2SB1116-L	
Q3	8-729-230-99		850:CND, E, AUS, MX, AR, PX/N350K) 2SC2669-OY		8-729-900-36 8-729-119-78		DTC124ES	
w _O	0 123 200 33		350:CND, E, AUS, MX, AR, PX/N350K)	61201	0-129-119-16	NOTSTOR	2SC2785-HFE	
Q4	8-729-230-99	TRANSISTOR	2SC2669-OY	Q1511	8-729-119-76	TRANSISTOR	2SA1175-HFE	
			350:CND, E, AUS, MX, AR, PX/N350K)	1	8-729-119-78		2SC2785-HFE	
Q5	8-729-422-57	TRANSISTOR	UN4111					
Q6	8-729-119-76	TDANCICTOD	2SA1175-HFE			< RESISTOR >		
₩ O	0 123 113 10	INMISISION	(N350:AEP, UK/N350K:EA)	R1	1-249-941-11	CARRON	330 5%	1/4W
Q7	8-729-119-76	TRANSISTOR	2SA1175-HFE	***	1 240 041 11	Childon		350: AEP, UK, G, IT)
			(N350:AEP, UK/N350K:EA)	R2	1-249-941-11	CARBON	330 5%	1/4W
Q8	8-729-900-80	TRANSISTOR	DTC114ES				(N3	350: AEP, UK, G, IT)
Q 9	8-729-900-80	TDANCICTOD	(N350:AEP, UK/N350K:EA) DTC114ES	<u>^</u> R4	1-249-401-11		47 5%	1/4W F
W.J	0 123 300 00	INMISISION	(N350: AEP, UK/N350K:EA)	R5 R6	1-249-411-11 1-249-433-11		330 5% 22K 5%	1/4W
Q10	8-729-900-80	TRANSISTOR	DTC114ES	NO	1-245-455-11	CARDON	22K 5%	1/4W
			(N350:AEP, UK/N350K:EA)	R7	1-249-411-11	CARBON	330 5%	1/4W
				R8	1-249-411-11		330 5%	1/4W F
Q11	8-729-900-80	TRANSISTOR	DTC114ES	50		(D560/N35		MX, AR, PX/N350K)
Q701	8-729-119-78	TDANCICTOD	(N350:AEP, UK/N350K:EA) 2SC2785-HFE	R9	1-249-433-11		22K 5%	1/4W
Q801	8-729-119-78		2SC2785-HFE	R10 R11	1-249-411-11 1-249-433-11		330 5%	1/4W
Q901	8-729-119-78		2SC2785-HFE	1/11	1 277 400 11	CARDON	22K 5%	1/4W
Q902	8-729-900-65		DTA144ES	R12	1-249-411-11	CARBON	330 5%	1/4W
				R13	1-249-411-11		330 5%	1/4W
Q903	8-729-801-93		2SD1387					(N350K:EA)
Q904	8-729-111-29	IKANSISTOR	2SD1616A-K		1-249-433-11		22K 5%	1/4W
Q905	8-729-111-29	TRANSISTOR	(N350: AEP, UK, G, IT) 2SD1616A-K	<u>1</u> R15 R16	1-249-405-11	CARBON	100 5%	1/4W F
4000	5 120 111 23	1111101010IV	(N350: AEP, UK, G, IT)	V10	1-249-442-11	CARBUN	510 5%	1/4W
	8-729-900-80	TRANSISTOR	DTC114ES	<u></u> 1.7 € R17	1-249-403-11	CARBON	68 5%	1/4W F
Q907	8-729-422-57	TRANSISTOR	UN4111	R18	1-247-843-11		3. 3K 5%	1/4W
0000	0 700 115 ==	MD 11/0-0		R19	1-249-441-11		100K 5%	1/4W
	8-729-119-76		2SA1175-HFE	R20	1-249-429-11		10K 5%	1/4W
	8-729-900-80 8-729-900-65		DTC114ES	R21	1-249-425-11	CARBON	4.7K 5%	1/4W F
M310	0 143-300-03	MICICINNI	DTA144ES					
				The compo	onents identified	by mark Les	composants in	dentifiés par une
				⚠ or dotte	ed line with mar	k Δî are mar	que 🥂 sont	critiques pour la
				critical for	safety. only with part	sécu	rité.	ŀ
				specified.	my with part		es remplacer o ant le numéro s	que par une piéce
			·	-		Port	- I I I I I I I I I I I I I I I I I I I	poolitio.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description	on_			Remark
R22	1-249-425-11		4. 7K		1/4W		R75	1-249-425-11	CARBON	4. 7K	5%	1/4₩	
R23 R24	1-249-425-11		4. 7K 4. 7K	5%	1/4W		D701	1 040 420 11	CADDON	1.07	- 0/		AEP, UK)
R24 R25	1-249-425-11 1-249-429-11		4. 7K 10K	5% 5%	1/4W 1/4W	r	R701 R702	1-249-430-11 1-249-431-11		12K 15K	5% =~	1/4W 1/4W	
R26	1-249-429-11		10K	5%	1/4W		1102	1-245-451-11	CARDON	191	5%	1/4#	
K20	1 243 423 11	Childon				350K:EA)	R703	1-215-451-00	METAL	18K (D560/N3	1% 50 · CN	1/4W	K G IT)
R27	1-249-437-11	CARBON	47K	5%	1/4W		R704	1-249-428-11	CARBON	8. 2K		1/4W	
R40	1-249-395-11		15	5%	1/4₩	F	R705	1-249-425-11		4. 7K		1/4₩	
						350K:EA)	R706	1-249-429-11		10K	5%	1/4W	-
R40	1-249-399-11	CARBON	33 (D560/	5% N350/N	1/4W 350K:E	F E, MY, SP)	R707	1-249-429-11	CARBON	10K	5%	1/4W	
R41	1-249-429-11	CARBON	10K	5%	1/4W		R708	1-249-429-11		10K	5%	1/4₩	
					, UK/N3	50K:EA)	R709	1-249-429-11		10K	5%	1/4W	
R42	1-249-429-11	CARBON	10K	5%	1/4W		R710	1-249-429-11		10K	5%	1/4W	
			(N3	50:AEP,	, UK/N3	50K:EA)	R711	1-249-429-11		10K	5%	1/4W	
							R712	1-249-429-11	CARBON	10K	5%	1/4W	
	1-249-441-11		100K		1/4W	_				(D560/N3	50:CN	ID, AEP, U	K, G, IT)
R44	1-249-425-11	CARBON	4. 7K		1/4W		D#10		01Ppos				
D.45	1 040 407 11	CADDON		-		50K:EA)	R713	1-249-429-11	CARBON	10K	5%	1/4W	\
	1-249-437-11		47K	5%	1/4W		D714	1 040 400 11	a i ppovi	(D560/N3			
R46	1-247-903-00	CARBON	1M	5%	1/4W	APD IIIZ)	R714	1-249-420-11		1. 8K		1/4W	F
R47	1 240 422 11	CADDON	710.0			AEP, UK)	R715	1-249-433-11		22K	5%	1/4W	
K41	1-249-433-11	CARDON	22K	5% 50. ARD	1/4W	50K:EA)	R716	1-249-421-11		2. 2K		1/4W	
7.40						SUN:EA)	R717	1-249-428-11		8. 2K		1/4W	
R48	1-249-437-11	CARBON	47K	5%	1/4₩		R718	1-249-417-11		1K	5%	1/4₩	F
D.40	1 047 000 00	CADDON	11/			AEP, UK)	R801	1-249-430-11		12K	5%	1/4₩	
R49	1-247-903-00	CARBON	1M	5%	1/4W	FOIL DAY	R802	1-249-431-11		15K	5%	1/4₩	
A DEO	1 940 401 11	CADDON	47	ΓOV		50K:EA)	R804	1-249-428-11		8. 2K		1/4W	
	1-249-401-11 1-247-843-11		47 3. 3K	5% 5%	1/4W 1/4W	r	R805	1-249-425-11	CARBON	4.7K	5%	1/4W	F
	1-249-429-11		3. 3K 10K	5%	1/4W		R806	1-247-882-11	CADDON	130K	C0 /	1/4W	
N32	1 243 423 11	CARDON	ION	J/6	1/211		R807	1-247-866-11		30K	5%	1/4W	
R53	1-247-843-11	CARBON	3. 3K	5%	1/4W		R808	1-247-864-11		24K	5%	1/4W	
	1-249-417-11		1K	5%	1/4W	F	R809	1-249-429-11		10K	5%	1/4W	
	1-249-417-11		1K	5%	1/4W				· · · · · · · · · · · · · · · · · · ·	(D560/N3			K. G. 1T)
			(N3	50:AEP,		50K:EA)	R814	1-249-420-11	CARBON	1.8K		1/4W	
R57	1-249-429-11	CARBON	10K	5%	1/4W								
			(N3	50:AEP,	UK/N3	50K:EA)	R815	1-249-433-11	CARBON	22K	5%	1/4W	
R58	1-249-417-11	CARBON	1K	5%	1/4W	F	R816	1-249-421-11	CARBON	2. 2K	5%	1/4₩	F
							R817	1-249-428-11	CARBON	8. 2K	5%	1/4W	F
R59	1-249-417-11	CARBON	1K	5%	1/4W	F	R818	1-249-417-11	CARBON	1K	5%	1/4₩	F
<u></u> 1. R60	1-249-405-11		100	5%	1/4W	F	R901	1-249-425-11	CARBON	4. 7K	5%	1/4₩	F
R61	1-247-843-11		3. 3K		1/4W								
	1-249-425-11		4. 7K		1/4W		R902	1-249-425-11		4.7K		1/4W	F
R63	1-249-425-11	CARBON	4. 7K	5%	1/4W	F	R903	1-249-425-11		4. 7K		1/4W	F
DC A	1-249-425-11	CADDON	4 7717	E 0 /	1 / /m	ъ	R904	1-249-417-11		1K	5%	1/4W	F
	1-249-425-11		4. 7K		1/4W	r	R905	1-249-437-11		47K	5%	1/4W	
	1-249-425-11		100	5%	1/4W	77	R906	1-249-437-11	CARBON	47K	5%	1/4W	
	1-247-843-11		4. 7K 3. 3K		1/4W	r	D007	1 940 497 11	CADDON	47717	F0/	1 / 477	
IV / I	1-247-045-11	CARDON	o. on		1/4₩ (N350•	AEP, UK)	R907 R908	1-249-437-11 1-249-437-11		47K	5% 5%	1/4W	
R72	1-249-433-11	CARRON	22K	5%	1/4W	ALT, UK)	R914	1-249-437-11		47K 22K	5% 5%	1/4W	
1112	1 240 400 11	CARLOON	2211			AEP, UK)	R915	1-249-433-11		22K 22K	5%	1/4W 1/4W	
				,	(11000.	ALA , OIL)	R916	1-249-411-11		330	5% 5%	1/4W	
R73	1-249-425-11	CARBON	4. 7K	5%	1/4W	F		- MIV 711 11	VIII DOM	JJU	J/0	1/47	
						AEP, UK)	R917	1-249-427-11	CARBON	6. 8K	5%	1/4W	F
R74	1-249-425-11	CARBON	4.7K		1/4W		R918	1-249-429-11		10K	5%	1/4W	1
		-	·			AEP, UK)	R920	1-249-429-11		10K 10K	5%	1/4W	
					, •	,, !		11		1011	<i></i>	A/ 711	
							The comp	onents identified	by mark	Les composar	ts ide	entifiés n	ar une
							⚠ or dotte	ed line with ma	rk ∡î\are	marque 🥂 s			
							critical for	safety. Only with part		sécurité. No los romalo			
							specified.	omy with paπ		Ne les rempla portant le num	cer qu éro en	ie par un Soifis	e piece
						l	Jr vontou.			Portant IC Hull	OIU S	occirie.	

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Descriptio	<u>n</u>			Remark
R921	1-249-417-11	CARBON	1K	5%	1/4W		R1100	1-249-441-11	CARBON	100K		1/4W	
R922	1-249-417-11	CARBON	1K	5%	1/4W		D1101	1 040 441 11	CADDON	(N350:E, A			/N350K)
				(N35U:	: AEP, (JK, G, IT)	P)	1-249-441-11 1-249-425-11		100K 4. 7K		1/4W 1/4W	D.
R923	1-249-417-11	CARBON	1K	5%	1/4W	F		1-249-423-11				1/4W	Г
						JK, G, IT)			•		-,,	-,	
R924	1-249-381-11	CARBON	1	5%	1/4W			1-249-433-11				1/4W	
מספר	1 040 001 11	CADDON	,			JK, G, IT)		1-249-429-11				1/4W	
R925	1-249-381-11	CARBON	1	5% (N350)	1/4₩ • AFP I	JK, G, IT)		1-249-433-11 1-249-407-11				1/4W 1/4W	F
R926	1-249-381-11	CARBON	1	5%	. ALI, €			1-249-417-11					r (N350K)
			-			JK, G, IT)			0.11.201.		0,0	-,	(1.000,17)
R1001	1-249-417-11	CARBON	1K	5%	1/4₩	F	R1150	1-249-439-11	CARBON			1/4W	
				(N350:	: AEP, I	JK, G, IT)	D1150	1 040 441 11	CADDON	(D560/N35			(, G, IT)
P1002	1-249-417-11	CADRON	1K	5%	1/4W	E.	K1150	1-249-441-11	CARBON	100K		1/4₩ AD DV	/NIDEUL/
	1-249-437-11		47K	5%	1/4W	r	R1159	1-249-425-11	CARBON	(N350:E, A 4. 7K			(N350K)
	1-249-416-11		820	5%	1/4W	F	8	1-249-441-11		100K		1/4W	(1100011)
			(D560/N3		•			1-249-425-11		4. 7K		1/4W	F
R1004	1-249-419-11	CARBON	1.5K		1/4W								
D1005	1 045 005 11	O L D D O L	(N350:E,			K/N350K)		1-249-429-11				1/4W	
R1005	1-247-897-11	CARBON	560K	5%	1/4₩			1-249-433-11				1/4W	ъ
P1006	1-249-437-11	CAPRON	47K	5%	1/4W			1-249-407-11 1-249-389-11				1/4W 1/4W	
	1-249-422-11		2. 7K		1/4W	F		1-249-389-11				1/4W	
	1-249-427-11		6. 8K		1/4₩		112021	1 510 000 11	Ontbon	2. 1	070	1/ 11	-
	1-249-409-11		220	5%	1/4₩		R1222	1-249-409-11	CARBON	220	5%	1/4W	F
						JK, G, IT)				, UK, E, AUS, MX			/N350K)
R1011	1-249-429-11	CARBON	10K	5%	1/4W		R1222	1-249-413-11	CARBON	470		1/4₩	-0 (1)
R1012	1-249-429-11	CARRON	10K	5%	1/4W		P1222	1-249-409-11	CARRON	220		bU/N3: 1/4₩	50:CND)
	1-249-429-11		10K	5%	1/4W		111223	1-249-409-11		, UK, E, AUS, MX		•	
	1-249-429-11		10K		1/4₩		R1223	1-249-413-11				1/4W	1100011)
R1021	1-249-422-11	CARBON	2.7K	5%	1/4W	F					(D5	60/N3	50:CND)
R1022	1-249-427-11	CARBON	6.8K	5%	1/4₩	F	<u></u> 1.0 € £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £	1-216-454-11	METAL OXID			2₩	F
D1040	1-249-441-11	CADDON	100K	E0/	1/4W						(N350:	AEP, UI	(, G, IT)
	1-249-441-11		160K	5%	1/4W	F	∕NR1226	1-215-917-11	METAL OXID	E 1K	5%	3₩	F
						JK, G, IT)	25200	1 010 01, 11		-			50:CND)
	1-249-417-11		1K		1/4₩	F	<u></u> 1.0 € £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £	1-216-456-00	METAL OXID		5%	2₩	F
	1-249-437-11		47K		1/4₩	_				(N350:E, A			/N350K)
K1054	1-249-416-11	CARBON	820 (D560/N3	5%	1/4W		R1233	1-247-854-11	CARBON	9. 1K		1/4₩ 20/N20	50:CND)
			(D300/N3	o : CND,	ADF, C)h, G, 11)	R1233	1-249-425-11	CARBON	4. 7K	•	0U/N3: 1/4W	
R1054	1-249-419-11	CARBON	1.5K	5%	1/4W	F				, UK, E, AUS, MX			
			(N350:E, A		AR, P	(/N350K)	R1234	1-247-854-11		9. 1K		1/4W	ŕ
	1-247-897-11		560K		1/4W						(D5)	60/N3	50:CND)
	1-249-437-11		47K	5% co	1/4W	r.	D1004	1 040 407 11	CADDON	4 777	ma/	. / 4777	D
	1-249-422-11 1-249-427-11		2. 7K 6. 8K	5%	1/4W 1/4W		K1234	1-249-425-11	_	4. 7K , UK, E, AUS, MX		1/4₩	
111000	1 010 101 11	Childon	0. 01.	0.0	1/ 11	•	R1235	1-249-435-11				1/4W	MOSON)
R1059	1-249-409-11	CARBON	220	5%	1/4W					, UK, E, AUS, MX			N350K)
21020						JK, G, IT)	R1235	1-249-437-11	CARBON	47K		1/4₩	
	1-249-425-11		4. 7K			(N350K)	D1000	1 040 441 11	CARRON	1001			0:CND)
	1-249-422-11 1-249-427-11		2. 7K 6. 8K		1/4W 1/4W			1-249-441-11				1/4W	
	1-249-441-11		100K		1/4W	r	11431	1-249-429-11	OUIOON	10K	5% :	1/4₩	
				-	-, -"		R1240	1-249-438-11	CARBON	56K	5% :	1/4W	
R1100	1-249-439-11	CARBON	68K		1/4W			1-249-397-11	CARBON	22	5% :	1/4W	F
			(D560/N35	50:CND,	AEP, U	JK, G, IT)	R1246	1-249-421-11	CARBON	2. 2K	5%	1/4W	F.
						1	The comp	onents identified	hy mark I	Les composant	e idanti	fiér -	ar upa
							⚠ or dott	ed line with ma		marque 🛕 so			
							critical for			sécurité.			1
							specified.	only with part		Ne les remplac portant le numé			e piece
							1				- o opeci		

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Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R1248	1-249-389-11	CARBON	4. 7	5%	1/4W	F	R1529	1-249-431-11		15K	5%	1/4W	
						JK, G, IT)		1 210 101 11	Cambon				B, MY, SP)
R1249	1-249-389-11	CARBON	4. 7	5%	1/4₩		R1529	1-249-433-11	CARBON	22K	5%	1/4W	
				(N35(): AEP, U	JK, G, IT)	D1520	1-247-843-11	CADDOM	2 217			(, AR, PX)
R1270	1-249-389-11	CARBON	4. 7	5%	1/4W	F	K1550	1-241-045-11	CARDON	3. 3K	5%	1/4₩	r (N350K)
R1271	1-249-389-11	CARBON	4.7	5%	1/4₩								(1100011)
R1272	1-249-409-11		220	5%	1/4₩		R1530	1-249-429-11	CARBON	10K	5%	1/4W	
D1070	1 040 410 11	(N350: AEP, UK, E				r/N350K)	21500						PX, G, IT)
K1212	1-249-413-11	CARBON	470	5% (T	1/4W	350:CND)	R1530	1-249-433-11	CARBON	22K	5%	1/4W	APD IIII)
R1273	1-249-409-11	CARBON	220	5%	1/4W		R1531	1-249-429-11	CARBON	10K	5%	1/4\	AEP, UK)
		(N350: AEP, UK, E					ł	1-249-429-11		10K	5%	1/4W	
							R1541	1-249-429-11	CARBON	10K	5%	1/4W	
R1273	1-249-413-11	CARBON	470	5%	1/4W								
D1000	1 040 407 11	CIDDON	4000			350:CND)		1-249-429-11		10K	5%	1/4W	
	1-249-437-11 1-249-421-11		47K	5%	1/4W	173		1-249-429-11		10K	5%	1/4₩	
	1-249-421-11		2. 2K 4. 7	5% 5%	1/4W			1-249-429-11		10K	5%	1/4W	
1(1230	1-249-305-11	CARDON	4. 1		1/4W	r JK, G, IT)		1-249-429-11 1-247-807-31		10K 100	5% 5%	1/4₩	
R1299	1-249-389-11	CARBON	4. 7	5%	1/4W		11331	1-241-001-31	CARDON	100	37 6	1/4W	
						K, G, IT)	R1552	1-247-807-31	CARBON	100	5%	1/4W	
				•	•	, , , , ,		1-247-807-31		100	5%	1/4\	
	1-249-425-11		4.7K	5%	1/4W	F	R1555	1-247-807-31	CARBON	100	5%	1/4₩	
	1-249-425-11		4.7K			F	R1556	1-247-807-31	CARBON	100	5%	1/4W	
	1-249-421-11		2. 2K		1/4W		R1557	1-247-807-31	CARBON	100	5%	1/4W	
	1-249-393-11		10		1/4W	F							
K1321	1-249-421-11	CARBON	2. 2K	5%	1/4W	F		1-247-807-31		100	5%		(N350K)
R1322	1-249-397-11	CARRON	22	5%	1/4W	F F		1-247-807-31 1-247-807-31		100 100	5% 5%		(N350K)
	1-249-397-11		22	5%	1/4W			1-247-807-31		100	5%		(N350K) (N350K)
	1-249-417-11		1K	5%	1/4W			1-249-429-11		10K	5%	1/4₩	(1100011)
R1342	1-249-429-11	CARBON	10K	5%	1/4₩					2012	0.0	1/ 111	
R1361	1-249-421-11	CARBON	2. 2K	5%	1/4W	F		1-249-437-11		47K	5%	1/4W	
D1000						_		1-247-807-31		100	5%	1/4W	
	1-249-421-11		2. 2K	5%	1/4W	F		1-249-429-11		10K	5%	1/4W	
	1-249-433-11 1-249-433-11		22K 22K	5% 5%	1/4W 1/4W			1-247-807-31		100	5%	1/4₩	
	1-249-433-11		22K	5%	1/4W		KIISI	1-247-807-31	CARBON	100	5%	1/4W	
	1-249-429-11		10K	5%	1/4W		R1758	1-247-807-31	CARBON	100	5%	1/4W	
					•			1-249-417-11		1K	5%	1/4W	F
R1513	1-249-433-11	CARBON	22K	5%		(N350K)	R1760	1-247-807-31	CARBON	100	5%	1/4W	-
	1-249-433-11		22K	5%	1/4W			1-247-807-31		100	5%	1/4W	
	1-249-433-11		22K	5%	1/4W	_	R1764	1-247-807-31	CARBON	100	5%	1/4₩	
	1-249-425-11 1-249-429-11			5% 5%	1/4W	F	D1700	1 047 007 01	CARRON	100			
NIJZZ	1-245-425-11	CARDON	10K	5%	1/4W	50K:EA)		1-247-807-31 1-247-807-31		100	5%	1/4₩	
					(110	JUIL-LIA)		1-247-807-31		100 100	5% 5%	1/4W 1/4W	
R1522	1-249-433-11	CARBON	22K	5%	1/4W			1-247-807-31		100	5%	1/4W	
						50K:EA)		1-249-437-11		47K	5%	1/4W	
	1-249-429-11		10K	5%	1/4W							-,	
	1-249-429-11		10K	5%	1/4W			1-249-437-11		47K	5%	1/4W	
	1-249-429-11		10K	5%	1/4W	(2205000)		1-249-421-11			5%	1/4W	F
1721	1-249-429-11	CARBUN	10K	5%	1/4W	(N350K)		1-247-895-00			5%	1/4W	_
R1528	1-249-429-11	CARBON	10K	5%	1/4W			1-249-416-11 1-247-895-00		820	5%	1/4W	F
	- 2.0 100 11	O.M.DOM	1011			, MY, SP)	1/1000	1-41-020-00	CARDUN	470K	37 6	1/4W	
R1529	1-249-429-11	CARBON	10K	5%	1/4₩	,, /	ΛR4001	1-217-639-00	FUSIBLE	2. 2	5%	1/4W	F
		(N3				50K:EA)				(N350:E, A			
						l				ŕ	•		•-•

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< COMPOSITION CIRCUIT BLOCK >		*	A-4377-077-A	POWER AMP BOARD,	
RB1 RB1		ENCAPSULATED COMPONENT (N350K:EA) ENCAPSULATED COMPONENT)			*****	(N350: AEP, UK, G, IT)
RB1		(N350:E, AUS, MX, AR, PX, G, IT/N350K:E: ENCAPSULATED COMPONENT, AM. RF	3, MY, SP)	*	A-4377-097-A	POWER AMP BOARD,	, COMPLETE(D560/N350:CND)
RB1 RB2	1-239-876-11			*	A-4377-122-A	POWER AMP BOARD,	
		< VARIABLE RESISTOR >				< CAPACITOR >	
RV1 RV2	1-238-601-11	RES, ADJ, CARBON 22K RES, ADJ, CARBON 22K RES, ADJ, CARBON 10K		C1201	1-126-963-11	ELECT	4. 7uF 20% 50V
		RES, ADJ, CARBON 10K RES, ADJ, CARBON 10K		C1201	1-124-667-11		AUS, MX, AR, PX, G, IT/N350K) 10uF 20% 100V (D560/N350:CND)
		< RELAY >		C1202	1-162-288-31		330PF 10% 50V 560/N350:CND, AEP, UK, G, IT)
	1-515-356-00 1-515-920-11	RELAY (D560/N350:CND) RELAY (24V)		C1202	1-162-303-11	CERAMIC	0.0033uF 20% 16V 350:E, AUS, MX, AR, PX/N350K)
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, II	T/N350K)	C1203	1-162-286-31		220PF 10% 50V
		< TRANSFORMER >		C1204	1-104-664-11		47uF 20% 10V , AUS, MX, AR, PX, G, IT/N350K)
T1 T2		COIL (ANT, SW3) (N350K:EA) COIL (OSC SW3) (N350K:EA)		C1204	1-124-910-11	ELECT	47uF 20% 50V (D560/N350:CND)
		< TERMINAL >			1-124-910-11 1-124-122-11	ELECT	47uF 20% 50V 100uF 20% 50V
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA) (D560/N350:CND, E, AUS, MX, AR, P)	X/N350K)	C1206	1-124-929-11		AUS, MX, AR, PX, G, IT/N350K) 22uF 20% 100V (D560/N350:CND)
TM1 TM1201		TERMINAL BOARD (ANT) (N350:AEP, UK, TERMINAL BOARD (CHECKER PIN) (SPEA	,G,IT) AKERS)	C1207	1-124-903-11		1uF 20% 50V
TM1201	1-537-801-11	(D560/N350:CND, E, AUS, MX, AR, P) TERMINAL BOARD (SPEAKERS) (N350:AEP, U		C1207	1-126-961-11		350:E, AUS, MX, AR, PX/N350K) 2. 2uF 20% 50V (N350:AEP, UK, G, IT)
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SURROUND SE	PEAKERS)		1-126-965-11 1-137-374-11		22uF 20% 50V 0. 047uF 5% 50V
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT < VIBRATOR >	1/N35UK)	C1210	1-137-375-11		(D560/N350:CND) 0. 068uF 5% 50V AUS, MX, AR, PX, G, IT/N350K)
		VIBRATOR, CERAMIC (8MHz)		C1211	1-137-374-11	FILM	0.047uF 5% 50V
A1502	1-507-090-01	VIBRATOR, CRYSTAL (32.768kHz) < VIBRATOR >		C1211	1-137-375-11		(D560/N350:CND) 0.068uF 5% 50V
XT51	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)		C1220	1-126-925-11	ELECT	AUS, MX, AR, PX, G, IT/N350K) 470uf 20% 10V AUS, MX, AR, PX, G, IT/N350K)
		*********	k*****	C1220	1-126-933-11		100uF 20% 10V (D560/N350:CND)
				C1245	1-161-494-00	CERAMIC	0. 022uF 25V (N350:AEP, UK, G, IT)
				C1245	1-164-159-11	CERAMIC	0. 1uF 50V
				C1246	1-161-494-00	CERAMIC	(D560/N350:CND) 0. 022uF 25V
				C1247	1-162-306-11	CERAMIC	(N350: AEP, UK, G, IT) 0.01uF 30% 16V (N350: AEP, UK, G, IT)

POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1251	1-124-667-11				8-749-900-96		2 (N350:AEP, UK, G, IT)
C1251	1-126-963-11	ELECT 4. 7uF 209		101201	8-749-921-68		2 (D560/N350:CND)
		(N350: AEP, UK, E, AUS, MX, AR, PX,	, G, IT/N350K)			< TRANSISTOR >	
C1252	1-162-288-31	(D560/N350:CND, A	AEP, UK, G, IT)		8-729-140-84 8-729-140-84		C1841-PAFAEA C1841-PAFAEA
C1252	1-162-303-11	CERAMIC 0. 0033uF 209 (N350:E, AUS, MX, A				< RESISTOR >	
	1-162-286-31 1-104-664-11	CERAMIC 220PF 109	% 50V	R1201	1-249-417-11	CARRON	1K 5% 1/4W F
	1-124-910-11	(N350: AEP, UK, E, AUS, MX, AR, PX,	G, IT/N350K)		1-249-437-11	CARBON	47K 5% 1/4W AUS, MX, AR, PX, G, IT/N350K)
01234	1 124 510 11		60/N350:CND)	R1202	1-249-438-11		56K 5% 1/4W
	1-124-910-11			R1203	1-249-414-11	CARBON	(D560/N350:CND) 560 5% 1/4W F
	1-124-122-11	(N350: AEP, UK, E, AUS, MX, AR, PX,	G, IT/N350K)	R1203	1-249-415-11	CARBON	(D560/N350:CND) 680 5% 1/4\(\text{W}\)
C1256	1-124-929-11	(D5)	60/N350:CND)	21000		a.ppa	(N350: AEP, UK, G, IT)
	1-124-903-11	(N350:E, AUS, MX, A	AR, PX/N350K)		1-249-417-11	(N3	1K 5% 1/4W 350:E, AUS, MX, AR, PX/N350K)
C1257	1-126-961-11		% 50V AEP, UK, G, IT)	R1204	1-249-437-11		47K 5% 1/4W AUS, MX, AR, PX, G, IT/N350K)
C1260	1-137-374-11			R1204	1-249-438-11	CARBON	56K 5% 1/4W (D560/N350:CND)
C1260	1-137-375-11		60/N350:CND) 50V	R1205	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK, G, IT)
C1261	1-137-374-11	(N350: AEP, UK, E, AUS, MX, AR, PX, FILM 0. 047uF 5%		R1205	1-249-427-11		6.8K 5% 1/4W F 850:E, AUS, MX, AR, PX/N350K)
C1261	1-137-375-11		60/N350:CND) 50V	R1205	1-249-429-11	CARBON	10K 5% 1/4W
C1295	1-161-494-00	(N350: AEP, UK, E, AUS, MX, AR, PX, CERAMIC 0.022uF	, G, IT/N350K) 25V	R1206	1-249-425-11	CARBON	(D560/N350:CND) 4.7K 5% 1/4W F
		(N350:	AEP, UK, G, IT)	R1206	1-249-427-11	CARBON	(N350: AEP, UK, G, IT) 6.8K 5% 1/4W F
C1295	1-164-159-11		50V 60/N350:CND)	R1206	1-249-429-11		350:E, AUS, MX, AR, PX/N350K) 10K 5% 1/4W
C1296	1-161-494-00	CERAMIC 0.022uF	25V AEP, UK, G, IT)		1-249-425-11		(D560/N350:CND) 4.7K 5% 1/4W F
		< CONNECTOR >					(N350: AEP, UK, G, IT)
* CN1203	1-564-518-11	PLUG, CONNECTOR 3P		R1207	1-249-427-11		6. 8K 5% 1/4W F 850:E, AUS, MX, AR, PX/N350K)
		PLUG, CONNECTOR 8P		R1207	1-249-429-11		10K 5% 1/4W (D560/N350:CND)
		< DIODE >		R1208	1-249-425-11	CARBON	4.7K 5% 1/4W F
D1201 D1201	8-719-815-85 8-719-987-63	• •	0)	R1208	1-249-427-11		(N350: AEP, UK, G, IT) 6. 8K 5% 1/4W F 850: E, AUS, MX, AR, PX/N350K)
D1202	8-719-987-63	(N350: AEP, UK, E, AUS, MX, AR, PX,	G, IT/N350K)	R1208	1-249-429-11		10K 5% 1/4W (D560/N350:CND)
D1251	8-719-815-85 8-719-987-63	DIODE 1S1585 (D560/N350:CNI))	& D1200	1 919 001 11	DUCIDI P	
D14J1	0 110 901 03	(N350: AEP, UK, E, AUS, MX, AR, PX,	G, IT/N350K)		1-212-881-11 1-208-601-11		100 5% 1/4W F 0.1 10% 2W F
		< IC >	·	<u></u> 1. № R1210	1-208-602-11		(D560/N350:CND) 0. 22 10% 2W F
IC1201	8-749-900-34		ID DV (NOTOE)	R1211	1-249-417-11		AUS, MX, AR, PX, G, IT/N350K) 1K 5% 1/4W F
		(N350:E, AUS, MX, A	n, ra/N35UK) 	The			
				↑ or dotte	onents identified ed line with ma safety		mposants identifiés par une
					only with part	number Ne les	remplacer que par une piéce le numéro spécifié.
			ı			<u>1:</u> -	•

POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1212	1-249-433-11	CARBON 22K	5% 1/4W (D560/N350:CND)	R1255	1-249-427-11		6.8K 5% 1/4W F N350:E, AUS, MX, AR, PX/N350K)
R1212	1-249-431-11	CARBON 15K	5% 1/4W	R1255	1-249-429-11		10K 5% 1/4W (D560/N350:CND)
	1-249-441-11		5% 1/4W	R1256	1-249-425-11	CARBON	4.7K 5% 1/4W F
	1-249-421-11 1-249-424-11	(N350: AEP, UK, E, AUS, M	X, AR, PX, G, IT/N350K)	R1256	1-249-427-11	******	(N350: AEP, UK, G, IT) 6.8K 5% 1/4W F N350: E, AUS, MX, AR, PX/N350K)
	1-249-421-11	CARBON 2. 2K	•	R1256	1-249-429-11		10K 5% 1/4W (D560/N350:CND)
		(N350: AEP, UK, E, AUS, M			1-249-425-11		4. 7K 5% 1/4W F (N350: AEP, UK, G, IT)
	1-249-424-11	CARBON 3. 9K CARBON 2. 2K	(D560/N350:CND)	R1257	1-249-427-11		6.8K 5% 1/4W F N350:E, AUS, MX, AR, PX/N350K)
	1-249-424-11	(N350: AEP, UK, E, AUS, M)	X, AR, PX, G, IT/N350K)	R1257	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND)
R1217	1-249-421-11	CARBON 2. 2K	(D560/N350:CND) 5% 1/4W F		1-249-425-11		4.7K 5% 1/4W F (N350:AEP, UK, G, IT)
R1217	1-249-424-11	(N350: AEP, UK, E, AUS, M) CARBON 3. 9K			1-249-427-11 1-249-429-11	(1)	6. 8K 5% 1/4W F N350:E, AUS, MX, AR, PX/N350K)
R1218	1-249-397-11	CARBON 22	(D560/N350:CND) 5% 1/4W F		1-212-881-11		10K 5% 1/4W (D560/N350:CND) 100 5% 1/4W F
	1-249-397-11	CARBON 22 (N350: AEP, UK, E, AUS, M2	5% 1/4W F X, AR, PX, G, IT/N350K)		1-208-601-11		0.1 10% 2W F
	1-247-881-00		(N350: AEP, UK, G, IT)	<u></u> 1 R1260	1-208-602-11		(D560/N350:CND) 0.22 10% 2W F
	1-247-883-00 1-247-893-00	(N350:E, A	AUS, MX, AR, PX/N350K)	1	1-249-417-11 1-249-431-11	CARBON	E, AUS, MX, AR, PX, G, IT/N350K) 1K 5% 1/4W F 15K 5% 1/4W
K1220	1 247 030 00	CARDON STOR	(D560/N350:CND)		1-249-433-11	(N350: AEP, UK, F	E, AUS, MX, AR, PX, G, IT/N350K)
	1-249-429-11	(N350:AEP, UK, E, AUS, M					(D560/N350:CND)
R1230	1-249-438-11 1-249-429-11		5% 1/4W (D560/N350:CND) 5% 1/4W	R1268	1-249-441-11 1-249-397-11	CARBON	100K 5% 1/4W 22 5% 1/4W F 22 5% 1/4W F
R1243	1-249-429-11 1-249-383-11 1-249-417-11	CARBON 1.5	5% 1/4W 5% 1/6W F 5% 1/4W F	K1209	1-249-397-11		22 5% 1/4W F E, AUS, MX, AR, PX, G, IT/N350K)
	1-249-437-11	CARBON 47K	5% 1/4W	******	******	**********	*********
R1252	1-249-438-11	(N350: AEP, UK, E, AUS, M) CARBON 56K	5% 1/4W				
R1253	1-249-414-11	CARBON 560	(D560/N350:CND) 5% 1/4W F (D560/N350:CND)				
R1253	1-249-415-11	CARBON 680	5% 1/4W (N350: AEP, UK, G, IT)				
R1253	1-249-417-11		5% 1/4W AUS, MX, AR, PX/N350K)				
R1254	1-249-437-11	CARBON 47K (N350: AEP, UK, E, AUS, MX	5% 1/4\ X, AR, PX, G, IT/N350K)				
R1254	1-249-438-11	CARBON 56K	5% 1/4W (D560/N350:CND)				
K1255	1-249-425-11	CARBON 4.7K	5% 1/4W F (N350:AEP, UK, G, IT)				

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque 🛕 sont critiques pour la sécurité.

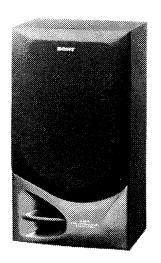
Ne les remplacer que par une piéce portant le numéro spécifié.

HCD-D560/N350/N350K

— 52 **—**

SS-D560

SERVICE MANUAL



US Model Canadian Model

This set is the speaker system in LBT-D560 and LBT-N350.

Photo: L-CH

SPECIFICATIONS

Speaker system

3-way system

Dimensions

Approx. 270 × 476 × 235 mm

 $(10 \frac{3}{4} \times 18 \frac{3}{4} \times 9 \frac{3}{8} \text{ inches}) (w/h/d)$

Mass

Approx. 5.4 kg

(11 lb 15 oz) net per speaker

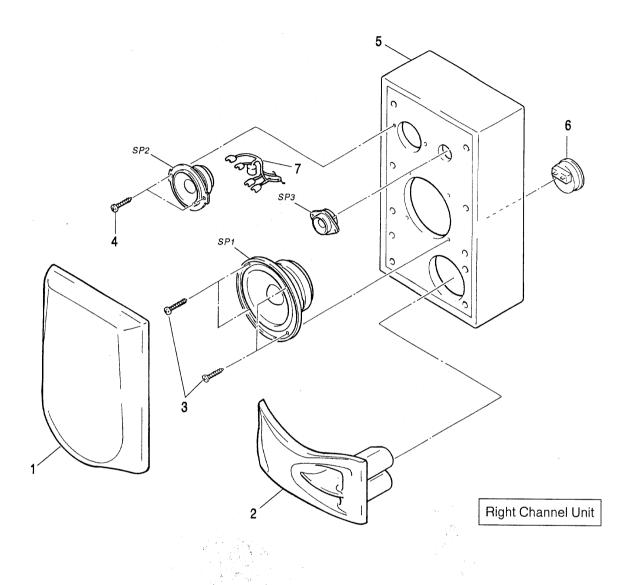
Design and specifications subject to change without notice.



EXPLODED VIEW AND PARTS LIST

NOTE:

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
 The mechanical parts with no reference number in the exploded views are not supplied.



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1 1 2 2 2 3	X-4945-468-1 4-971-202-01 4-971-203-01	FRAME (L) ASSY, GRILLE FRAME (R) ASSY, GRILLE DUCT (L) ORNAMENTAL DUCT (R) ORNAMENTAL SCREW +BTP 4X20		7 SP1 SP2 SP3 *****	1-504-750-11 1-504-872-11 1-544-453-21	CORD, SPEAKER (WITH CONNECTOR) SPEAKER (20CM) (WOOFER) SPEAKER (6CM) (MID-RANGE) SPEAKER (2CM) (TWEETER) ************************************	*****
4 * 5 * 5 6	A-4361-268-A A-4361-269-A	SCREW (M3.5X16) CABINET (L) ASSY, SPEAKER CABINET (R) ASSY, SPEAKER TERMINAL BOARD (SPEAKER TERMIN	AL)	*	4-972-653-01	PACKING MATERIALS ************************************	

PS-LX56/LX56P

SERVICE MANUAL

Ver 1.1 2001, 07

PS-LX56/LX56P are the turntable section in LBT-A190/A195/A290/A290K/ A295/A390/A390K/A395/ A490/A490K/A495/D150/ D250/D550/G1000/G2000.

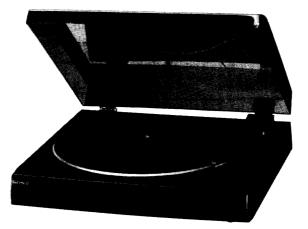


PHOTO: PS-LX56

US Model Canadian Model PX Model Tourist Model PS-LX56 AEP Model E Model

Australian Model

UK Model PS-LX56P

PS-LX56/LX56P

SPECIFICATIONS

Turntable Platter

Motor Drive system Speed Wow and flutter Signal-to-noise ratio

Automatic system

Pivot-to-stylus length Overall arm length

Cartridge

Туре Frequency response Stylus

General

Dimensions

Weight

Power requirement

Power consumption Accessory supplied Optional accessories (PS-LX56)

30cm (12 in.) DC servo motor Belt drive 33 1/3 rpm/45 rpm switchable 0.2% (WRMS) 60 dB (DIN-B) Return, reject

Dynamically blanced 203 mm (8 in.) 235 mm (9 1/4 in.)

Moving magnet type 20 Hz-20kHz CN-234

 $355 \times 94 \times 345 \text{ mm(w/h/d)}$ $(14 \times 3^3/_4 \times 13^5/_8 \text{ inches})$ Approx. 2.5 kg (5 lb 8 oz)

US and Canadian model :120V AC, 60Hz European model: 220-230V AC, 50/60Hz

Australian model: 240V AC, 50Hz Model for other countries: 110-120V/220-240V adjustable with the voltage selector AC, 50/60Hz

2 W 45-rpm adaptor (1) Replacement stylus CN-234 Stat spray XP-C10 Cleaner XP-C1, XP-C2

Turntable

Platter Tone arm type Cartridge type Stylus Mass Dimensions

(PS-LX56P)

30 cm Dynamically balanced Moving magnet type Sony CN-234 (0.6 mil diamond) Approx. 2.3 kg (5 lb 1 oz) Approx. 355 x 95 x 345 mm $(14 \times 3^3)_4 \times 13^5$, inches) (w/h/d, including projections)

Design and specifications subject to change without notice

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression

> STEREO TURNTABLE SYSTEM SONY

9-959-216-12

2001G0200-1

© 2001.7

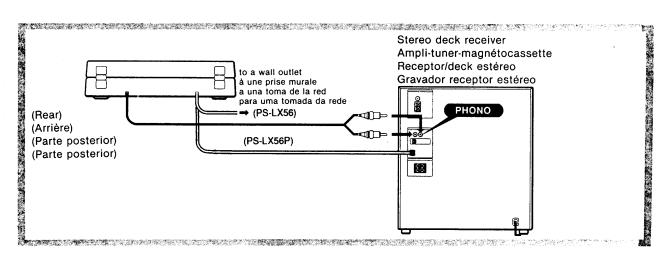
Sony Corporation Home Audio Company

Shinagawa Tec Service Manual Production Group

Connections

Note

Connect the red plug to the right-channel jack (R), and the white plug to the left-channel jack (L).



Notes on installation

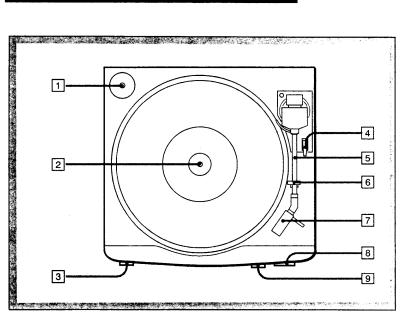
- · Place the turntable on a level surface.
- Avoid placing the unit near electrical appliances (such as a television, hair dryer, or fluorescent lamp) which may cause hum or noise.
- Place the turntable where it will not be subject to any vibration, such as from speakers, slamming of doors, etc.
- Keep the unit away from direct sunlight, extremes of temperature, and excessive dust and moisture.

To remove the dust cover

Α

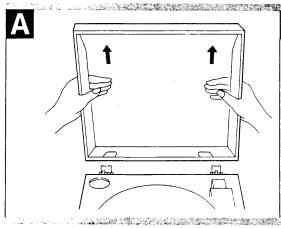
Open the cover fully and pull it up.

Location of Controls

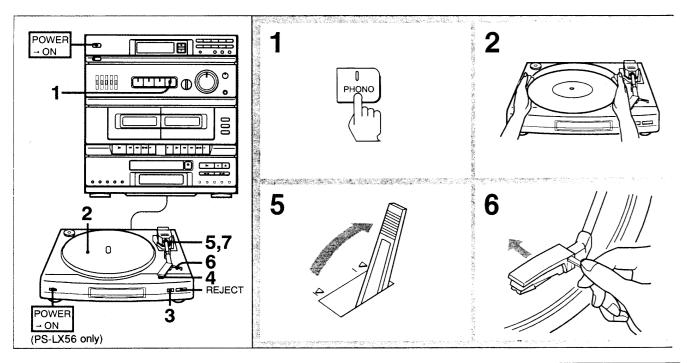


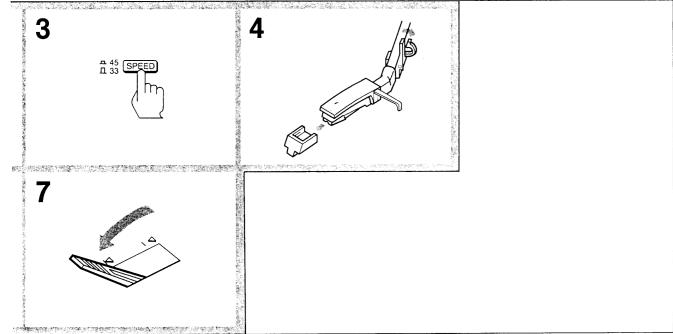
Nota

Conecte la clavija roja a la toma del canal derecho (R), y la blanca a la del canal izquierdo (L).



- 1 45-rpm adaptor
- 2 Centre spindle
- 3 POWER switch (PS-LX56)
- 4 Cueing lever
- 5 Tonearm
- 6 Armrest
- 7 Cartridge
- 8 REJECT button
- 9 Speed selector





When the record is played to the end, the tonearm returns to the armrest and the turntable stops.

To stop during play, press REJECT.

To play a different part of the record

Lift the tonearm by setting the cueing level to $\underline{\mathbb{Y}}$, move the tonearm by hand to the desired point, then set the cueing lever to $\underline{\mathbb{Y}}$.

To play a 17-cm record
Use the supplied adaptor

If the tonearm moves outward when you move it colse to the centre

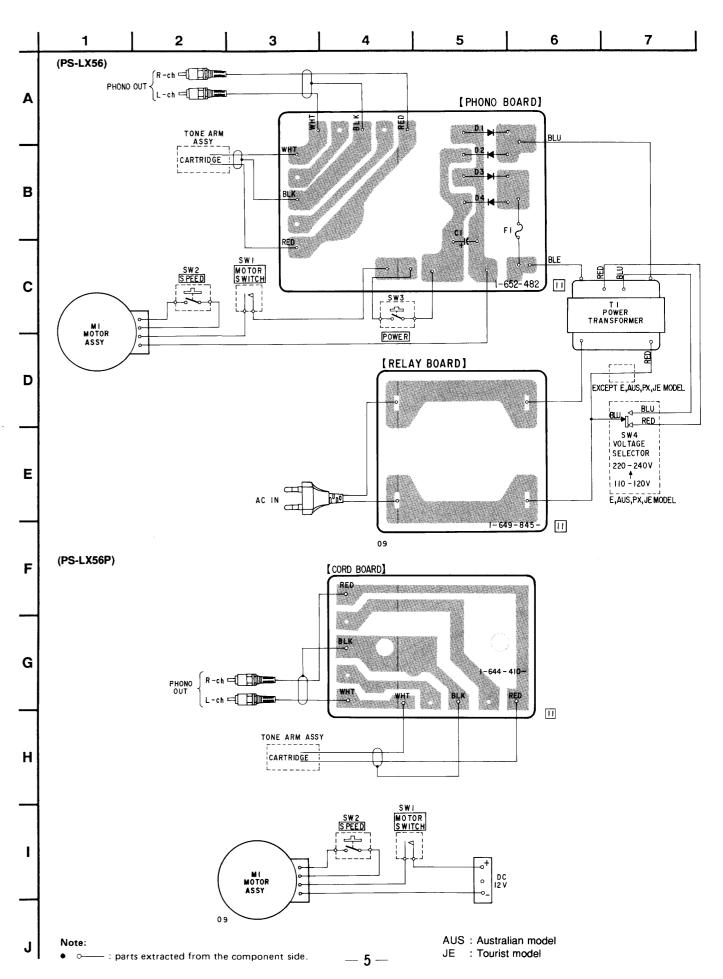
Do not resist this movement, as it may damage the automatic return mechanism.

If the tonearm does not return to its armrest Press REJECT.

SCHEMATIC DIAGRAMS

· Switches : (PS-LX56) Ref. No. | Switch | Position SW1 MOTOR OFF SW2 SPEED 33 SW3 POWER OFF (PHONO BOARD) MOTOR ASSY MI EXCEPT E, AUS, PX, JE Model CARTRIDGE (PS-LX56P) MOTOR ASSY MI [CORD BOARD] 8.3 SW2 SPEED 45 D CARTRIDGE PHONO OUT • All capacitors are in μF unless otherwise The components identified by mark A noted. pF:μμF 50WV or less are not Ref. No. Switch Position SW1 MOTOR OFF or dotted line with mark ∆ are critical for indicated except for electrolytics and Replace only with part number specified. SW2 SPEED 33 • All resistors are in Ω and 1/4W or less SW3 POWER OFF unless otherwise specified. Les composants identifiés par une VOLTAGE 240V marque Δ sont critiques pour la SW4 AUS: Australian model SELECTOR sécurité. JE : Tourist model Ne les remplacer que par une pièce portant le numéro spéci-fié.

WIRING DIAGRAMS



Ver 1.1 2001.07 Ver 1.1 2001.07

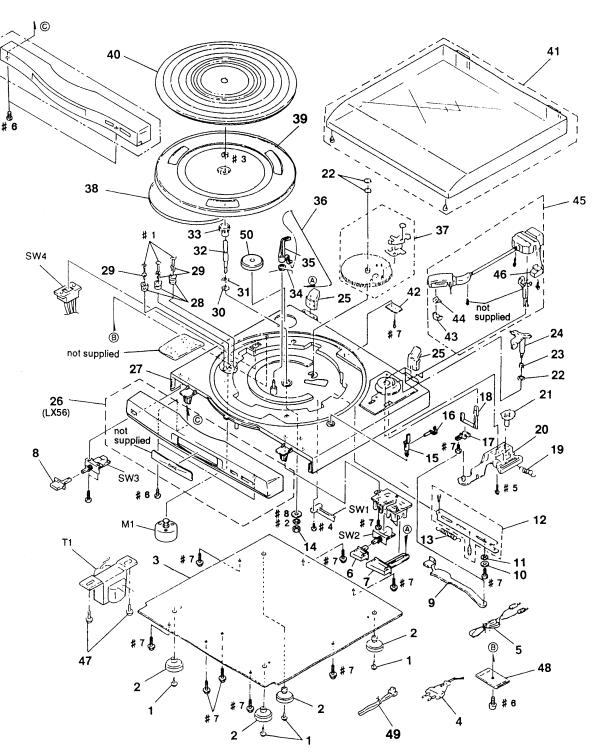
EXPLODED VIEW

26 (LX56P)

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- AUS : Australian model The components identified by mark CND : Canadian model ⚠ or dotted line with mark ⚠ are critical for safety. • EE : East European model Replace only with part number • IT : Italian model specified. MX : Mexican model

Les composants identifiés par une marque 🛕 sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.



• EA : Saudi Arabia model

• SP : Singapore model

MY : Malaysia model

• JE : Tourist

Ref. No.	Part No.	<u>Description</u> <u>Remar</u>	Ref. No.	Part No.	<u>Description</u> <u>Remark</u>
1 2		PLASTIC STAND	39 40	4-947-539-01	
* 3 <u>^</u> ^4 <u>^</u> ^4	1-575-651-61	BUTTON BOARD CORD, AC (LX56: AEP, EA, EE, IT, MX, MY, CIS, SP CORD, AC (LX56: CND, US)	* 42 * 42	1-652-482-11	DUST COVER ASSY PHONO BOARD (LX56) CORD BOARD (LX56P)
⚠ 4 ⚠ 4 ⚠ 4 Б 6	1-690-608-11 1-696-570-21 1-555-116-11	CORD, AC (LX56: E) CORD, AC (LX56: AUS) CORD, AC (LX56: UK) CORD, PHONO(BLACK) KNOB SPEED(BLACK)	43 44 45 46 47	4-951-290-01 A-4604-940-A 4-947-464-01	COVER, CARTRIDGE STYLUS (CN-234) ARM ASSY, TONE COUNTER WEIGHT SCREW (LX56)
6	4-964-177-11	KNOB SPEED(LX56:SILVER, SILVER METALLIC	* 48 49	1-557-109-21	RELAY BOARD (LX56) CORD, DC (LX56P)
7 7	4-964-178-01 4-964-178-11	KNOB REJECT(BLACK)	M1 SW1	3-701-806-00 A-4604-945-A 1-570-666-11	
8 8	4-964-184-01 4-964-184-11	KNOB POWER (LX56:BLACK)	S₩2 S₩3 Δ\S₩4 Δ\T1	1-692-211-11 1-692-835-11 1-450-987-11	SWITCH, PUSH (SPEED) (1 KEY) SWITCH, PUSH (POWER) (1 KEY) (LX56) VOLTAGE SELECTOR (LX-56: AUS, E, MX, MY, SP) TRANSFORMER, POWER (LX56: AEP, EE, IT, CIS)
9 10	4-947-487-01 4-890-173-00	WASHER	<u> </u>	1-450-987-21	TRANSFORMER, POWER (LX56: AUS, E, PX, EA, JE, MX, SP)
11 12 13	3-659-350-00 A-4604-947-A 4-947-485-01	RETURN ASSY, LEVER	ΔT1 ΔT1	1-450-987-31 1-450-987-41	TRANSFORMER, POWER (LX56: MY) TRANSFORMER, POWER (LX56: U, CA)
14 15 16 17 18	4-947-477-01				
19 20 21 22 23	4-963-537-01 4-963-536-01 4-963-535-01 4-947-514-01 4-947-467-01	LINK RETURN ADJUST CAM 4MM CS RING			
24 25 26 26	A-4660-498-A A-4384-982-A	TONE ARM ELEVATOR HINGE ASSY PANEL (B) ASSY, FRONT (LX56: SILVER) PANEL (B) ASSY, FRONT (LX56: SILVER METALLIC)			
26	A-4660-577-A	FRONT PANEL (G) ASSY (LX56: GRAY) (US)			
26 26 * 27 * 27	A-4660-976-A 4-950-487-01	FRONT PANEL (G) ASSY (LX56: BLACK) FRONT PANEL (G) ASSY (LX56P) MAIN CABINET (B)(BLACK) MAIN CABINET (B)			
28	4-947-505-01	\dots (LX56:SILVER, SILVER METALLIC CUSHION MOTOR	(2)		
29 30 31 32 33	4-947-504-01 3-451-162-00 3-701-445-21 4-947-498-01 4-947-497-01	WASHER (56) WASHER STELL BALL			
34 35 36 37 38	4-948-101-01	WIPER REJECT SPRING (38) GEAR ASSY, SPUR			

Ver 1.1 2001.07

CORD PHONO RELAY

ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor METAL OXIDE: Metal Oxide-film resistor F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Hardware (# mark) list is given in the last of this

• SEMICONDUCTORS

In each case, u: μ , for example: uA...: *μ* A..., uPA...: *μ* PA...,

- CAPACITORS

uPB...: μPB..., uPC...: μPC..., uPD...: *μ* PD...

- $uF: \mu F$
- COILS $uH: \mu H$

 AUS : Australian model • CND : Canadian model

MX : Mexican model

• EE : East European model • IT : Italian model

> • EA : Saudi Arabia model • SP : Singapore model MY : Malaysia model

• JE : Tourist

⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. Les composants identifiés par une marque 🛕 sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

The components identified by mark

Ref. No.	Part No.	Descri	ption	Remark	Ref. No.	Part No.	Description	Remark
*	1-644-410-11	CORD BO	ARD (LX56P)			ACCESSODIES	& PACKING MATERIALS	•
T	1 044 410 11	*****	, ,				*************	
						********	********	
******************						3-758-045-11	MANUAL INSTRUCTION	
								guese) (LX56 AEP, CND)
*	1-652-482-11	PHONO B	BOARD (LX56)			3-758-045-21	MANUAL INSTRUCTION (English) (LX56 US, UK)
		*****					MANUAL INSTRUCTION	Digitally (Dago 03, City)
								talian) (LX56 AEP, IT)
		< CAPAC	CITOR >				MANUAL INSTRUCTION	carrain (2.100 hbr) ir)
							(English.Fre	nch, Spanish, Chinese)
C1	1-126-012-11	ELECT	470uF	16V		_		E, PX, MX, EA, MY, SP, JE)
						3-758-045-61	MANUAL INSTRUCTION	
		< DIODE	₹ >	1		•	(English, German,	Polish) (LX56 EE, CIS)
D1	8-719-200-82		11ES2		*	4-947-532-01		
D2	8-719-200-82		11ES2		*	4-947-533-01		
D3	8-719-200-82		11ES2			3-701-806-00	ADAPTOR, 45	
D4	8-719-200-82	DIODE	11ES2		ale ale ale ale ale ale ale ale	alle alle alle alle alle alle alle alle		
					*****	******	*********	******
		< FUSE	>			******	*****	
A D1	1 500 010 00	DUOD DI	ND 110 (D000 1)				VARE LIST	
⚠ F1	1-532-613-XX	FUSE TI	ME-LAG (T200mA)				**********	
*************************						*****	****	
*****	****	*****	*******	*******	#1	7-621-773-87	SCREW (64)	
*	1-649-845-11	DEI AV B	OVDD (I AEV)		#2	7-623-210-22	• •	
Τ.	1-045-045-11	*****	- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		#3	7-624-110-04	(,	
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					#6	7-685-646-79	SCREW (60)	
					#7	7-685-647-79	SCREW (58)	
					#8	7-688-005-01	WASHER (69)	
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REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.1	2001.07	PDF registration
		(including: 9-959-216-81, 9-959-216-82, 9-959-216-83, 9-959-216-91)
1.0	1993.11	New